

Logistics

Army Logistics Readiness and Sustainability

**Headquarters
Department of the Army
Washington, DC
16 September 1997**

UNCLASSIFIED

SUMMARY of CHANGE

AR 700-138

Army Logistics Readiness and Sustainability

This revision--

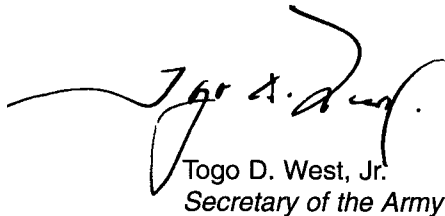
- o Changes proponent office from HQDA, DALO-SMD, to DALO-SMR.
- o Changes the term 'Internal control systems' to 'Army management control process' on title page and adds a management control evaluation checklist at appendix C.
- o Provides authority for establishment and operation of the Readiness Integrated Data Base (chap 1).
- o Changes wording in security classification to more clearly define meaning (chap 1).
- o Adds reporting information on the Installation Materiel Condition Status Reporting System (IMCSRS) (chap 1).
- o Adds reporting information on Army War Reserve Prepositioned Sets (chaps 1, 2, and 4).
- o Changes the onhand reporting requirements (chap 2).
- o Authorizes automated systems users to use automated reportable equipment lists which may differ from information published in appendix B, when authorized by HQDA change message(chap 2).
- o Changes the requirement for reporting substitute and in-lieu-of equipment (chap 2).
- o Clarifies instructions for disposition of DA Form 2406 report file copies (chap 2).
- o Provides guidance for submitting corrected DA Form 1352 reports to LOGSA (chap 3).
- o Adds additional functional and assignment codes to excluded aircraft data list (chap 3).
- o Deletes requirements for reporting mission capability and not mission capable time for aircraft in tenths of an hour (chap 3).
- o Clarifies instructions for disposition of DA Forms 1352 and 1352-1 report file copies (chap 3).
- o Allows active units 60 hours to complete the maintenance test flight after the maintenance operational check. Reserve component units on official compressed work schedule are allowed 84 hours, table 3-1, Instructions for preparing DA Form 1352-1 (chap 3).

- o Defines aircraft mission for OH-58D armed, table 3-4 (chap 3).
- o Changes requirement for when units begin reporting missile systems (chap 4).
- o Deletes requirement for State Surface Maintenance Offices to send copies of missile reports to National Guard Bureau headquarters (chap 4).
- o Changes distribution of Unit Equipment Status and Serviceability Reports via AUTODIN to RIDB on-line access (chap 5).
- o Updates table 5-2, Logistics Assistance Offices addresses.
- o Deletes Logistics Net Assessment (chap 6).
- o Adds and deletes reportable equipment in appendix B, sections I, II, III, and IV.
- o Adds two additional categories under 'Not mission capable' in glossary section II, Terms.
- o Obsoletes DA Form 3266 (Missile Equipment Supply Assistance Request).

Effective 16 October 1997

Logistics

Army Logistics Readiness and Sustainability



Togo D. West, Jr.
Secretary of the Army

History. This printing publishes a revision of this publication. Because the publication has been extensively revised, the changed portions have not been highlighted.

Summary. This regulation implements DOD Instruction 3110.5. It establishes policies, responsibilities, and procedures to be followed for reporting the physical condition of Army equipment and the ability/inability to perform its intended mission. It also prescribes policies and procedures for total logistics readiness sustainability analysis—the

annual logistics assessment of the Army's capability to deploy and sustain combat forces.

Applicability. This regulation applies to the Active Army, the Army National Guard of the United States (ARNGUS), and the U.S. Army Reserve. It includes all Army elements responsible for logistic planning and or programming in support of Army combat forces; all organizations and activities that possess, operate, and account for aircraft, missile systems, and other reportable equipment; agencies or contractor facilities that have Army equipment listed in this publication in their possession for test, maintenance, or other purposes such as loan or bailment. This publication is applicable during full mobilization.

Proponent and exception authority. The proponent of this regulation is the Deputy Chief of Staff for Logistics. The proponent has the authority to approve exceptions to this regulation that are consistent with controlling law and regulation. Proponents may delegate this approval authority, in writing, to a division chief under their supervision within the proponent agency who holds the grade of colonel or the civilian equivalent.

Army management control process. This regulation contains management control

provisions according to AR 11-2 and contains checklists for conducting management control reviews.

Supplementation. Supplementation of this regulation and establishment of command and local forms are prohibited without prior approval from HQDA (DALO-SMR), 500 ARMY PENTAGON, WASH DC 20310-1600.

Suggested Improvements. Users of this regulation are invited to send comments and suggested improvements on DA form 2028 (Recommended Changes to Publications and Blank Forms) directly to Director, USAMC Logistics Support Activity, ATTN: AMXLS-RRS, Redstone Arsenal, AL 35898-7466

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*This regulation supersedes AR 700-138, 16 June 1993, and rescinds DA Form 3266, August 1988.

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Glossary

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RESERVED

Chapter 1 Introduction

1-1. Purpose

This regulation—

- a. Prescribes policy and provides procedures for collecting and reporting the status of the physical condition of Army materiel.
- b. Prescribes policy direction for the Logistics Assessment Program and specific policies and procedures for the Army analysis process that supports the service responsibility for—
 - (1) Assessment of Army readiness and sustainability.
 - (2) Logistics Evaluation of Operational Plans (OPLANS).
- c. Provides references and sources of assistance for achieving and sustaining equipment readiness standards.
- d. Describes reports and indicators for assessing readiness and sustainability trends.
- e. Provides authority for establishment and operation of the Readiness Integrated Data Base (RIDB).

1-2. References

Required and related publications and prescribed and referenced forms are listed in appendix A.

1-3. Explanation of abbreviations and terms

Abbreviations and special terms used in this regulation are explained in the glossary.

1-4. Responsibilities

a. Deputy Chief of Staff for Logistics (DCSLOG). The DCSLOG will—

(1) Manage the Department of the Army (DA) Logistics Assessment Program as follows:

(a) Task Army Staff agencies and major Army commands (MACOMs), as appropriate, to provide input data and functional guidance to the Logistics Assessment Program.

(b) Integrate inputs of the Office of the Deputy Chief of Staff for Logistics (ODCSLOG), other Army Staff offices, and MACOMs into the defense total readiness and sustainability model framework.

(c) Prepare reports reflecting the results of analyses of Army readiness and sustainability for the Chief of Staff, Army, the Army component commanders, the HQDA staff, and other decision making authorities according to the needs of the Army and title 10, United States Code responsibilities.

(2) Establish logistics readiness goals for—

(a) Equipment onhand (EOH) and equipment fully mission capable(FMC) status ratings for Active Army and Reserve Component (RC) units.

(b) All reportable equipment listed in appendix B of this regulation, sections I through IV.

(3) Review the reports described in chapters 2, 3, and 4, and the unit status reports prescribed by AR 220-1.

(4) Review and analyze all command logistics review team(CLRT)/command logistics review team expanded (CLRT-X) visit observations. Establish policy for and monitor the performance of the CLRT/CLRT-X Program.

(5) Approve changes/additions/deletions to the DA list of reportable items of equipment for materiel condition status reporting (DALO-SMR). (See app B.)

(6) Be responsible for the materiel condition and flying time reporting of Army aviation systems. The Aviation Logistics Office will review reports and analyze data reported under this regulation and resolve aviation problems when required.

(7) Have primary responsibilities for Army Readiness and Sustainability analysis.

(8) Direct the analysis and measurement of Army Readiness and Sustainability of the year force under review.

(9) Issue a memorandum of instruction detailing the parameters of each readiness and sustainability analysis.

(10) Provide logistics input data to the Army Readiness and Sustainability analyses.

(11) Initiate actions to implement approved recommendations resulting from analysis that are within the DCSLOG area of responsibility.

(12) Provide recommendations resulting from TLRS analyses that are not within the DCSLOG area of responsibility to the appropriate Army Staff agency or MACOM for evaluation and necessary action.

b. Deputy Chief of Staff for Operations and Plans (DCSOPS).The DCSOPS will—

(1) Provide DCSLOG (DALO-POD) appropriate force structuring, deployment, sequencing and warfighting simulation data.

(2) Provide input data and functional guidance in the areas of force structure, materiel, training requirements; unit readiness;mobilization and deployability projections; and warfighting scenarios planned for the current and program objective memorandum(POM) timeframe.

(3) Provide assistance in developing the interface between Army Readiness and Sustainability assessments and the prioritization process.

(4) Ensure that input data and guidance on fielding new and displayed materiel systems and new and modified organizations will be provided for the current period and POM timeframe.

c. Director of Information Systems for Command, Control, Communications, and Computers (DISC4). The DISC4 will provide input data and policy guidance to DCSLOG in the areas of communications and automated systems requirements and capabilities for the current period and POM timeframe.

d. Director, Program Analysis and Evaluation (DPAE), Office of the Chief of Staff, Army (OCSA). The DPAE, OCSA, will provide data and functional assistance to develop an interface between Army Readiness and Sustainability assessments and planning, programming, and budgeting execution systems (PPBES) process for the POM timeframe.

e. Commander, U.S. Army Logistics Integration Agency (USALIA).The Commander, USALIA, will—

(1) Develop logistics readiness evaluations and logistics sustainability analyses, as required.

(2) Administer the CLRT/CLRT-X Program for DCSLOG according to AR 11-1.

(3) Provide technical guidance, procedures, and assistance to the Army in its execution of policy, directives, and guidance issued by DCSLOG.

(4) Receive, review, and assimilate Army Readiness and Sustainability Assessment data for inclusion in studies.

(5) Conduct the Army Readiness and Sustainability analyses.

(6) Prepare draft and final study reports.

f. The Chief, National Guard Bureau (CNGB); the Chief, Army Reserve (CAR); and MACOM commanders. The CNGB, CAR, and MACOM commanders will—

(1) Assign specific staff responsibilities for coordination and supervision of the logistics readiness program within their command and assist DA, ODCSOPS with responsibilities delineated in paragraph 1-4b(2).

(2) Monitor logistics performance to identify deficiencies requiring correction or resourcing to enhance mission capability.

(3) Set logistics priorities that ensure mission accomplishment.

(4) Report materiel condition status according to chapters 2,3, and 4 of this regulation.

(5) Schedule CLRTs, as appropriate, and provide USALIA with visit schedules.

(6) Conduct annual CLRT/CLRT-X visits to subordinate elements;provide USALIA with report of visits. (Exempt report listed in AR 335-15, para 7-2u.)

(7) Review materiel condition status reports (DA Forms 1352, (Army Aircraft Inventory, Status, and Flying Time); DA Form 2406(Materiel Condition Status Report); and DA Form 3266-1 (Army Missile Materiel Readiness Report)), compare status with materiel readiness goals and, as necessary, start action to improve readiness.

(8) Identify readiness needs in consumer and stock fund command budget requests.

(9) Ensure that subordinate units comply with all reportable materiel condition status reporting requirements and that the information reported is accurate. Situations that cause degraded reportable materiel condition status and are beyond the capability of the MACOM to resolve locally will be reported in the most expeditious manner to Commander, U.S. Army Materiel Command, ATTN:AMCLG-RS, 5001 Eisenhower Avenue, Alexandria, VA 22333-0001.

(10) Maintain visibility of materiel condition status reporting on all reportable items/systems identified in appendix B within their command.

(11) Comply with h, below (CNGB and CAR only).

(12) Comply with l, below (MACOMs only).

g. Commanding General, U.S. Army Materiel Command (CG, AMC). The CG, AMC, will—

(1) Evaluate the logistics readiness effectiveness of the wholesale system.

(2) Review unit status with associated logistics reports, identify, and take corrective action on problems that degrade readiness.

(3) Provide support for CLRT/CLRT-X's as requested.

(4) Program and monitor the application of DA modification work orders (MWOs) and Materiel Change Programs (MCP).

(5) Establish focal points for readiness and sustainability at HQ AMC, at each AMC major subordinate command (MSC), and the U.S. Army Logistics Support Activity (LOGSA).

(6) Reconcile unit status reporting with asset reporting.

(7) Provide input data and policy guidance in the area of capability of the production base and wholesale system to react to mobilization requirements.

(8) Maintain the Readiness Integrated Data Base and print, and distribute the reports listed in chapter 5 of this regulation.

(9) Provide HQ, AMC command representation to all scheduled meetings/workshops relating to policy and procedure changes/revisions of this regulation.

(10) Perform a key role in command emphasis of detailed compliance to this regulation.

(11) Approve and provide administrative/authoritative support to all AMC MSCs as related to Army readiness reporting.

(12) Provide to USALIA the following in response to DCSLOG's Army Readiness and Sustainability Assessment memorandum of instruction:

(a) Materiel requirements, assets, and expected distributions for identified classes of supply.

(b) Depot maintenance support projections.

(c) Capability of the production base and wholesale systems to react to mobilization requirements, including production base support capabilities.

(d) Program cost estimates to overcome equipment faults.

(13) Participate in the review and refinement of applicable study conclusions and recommendations.

(14) Initiate action to implement approved study recommendations as directed.

(15) Designate an element to serve as focal point for all Army Readiness and Sustainability Assessment related actions.

h. Assistant Secretary of the Army (Financial Management)(AS-A(FM)), Deputy Chief of Staff for Intelligence (DCSINT), The Adjutant General, Chief of Engineers, CNGB, and CAR. Principal officials will—

(1) Provide guidance within respective areas of staff responsibility.

(2) Provide input data as required.

i. The Surgeon General (TSG). For Medical (Class VIII) materiel, TSG will—

(1) Evaluate the logistics readiness effectiveness of the wholesale system.

(2) Review logistics readiness reports, and identify and take corrective action on problems that degrade readiness.

(3) Distribute major items of equipment according to DA distribution guidance in coordination with the DCSLOG of the appropriate MACOM.

(4) Establish focal points of readiness sustainability.

(5) Reconcile materiel status reporting with asset reporting.

(6) Provide input to and policy guidance for the management of the wholesale logistics system and production base for Class VIII materiel.

(7) Provide representation to meetings/workshops relating to policy and procedure changes/revisions to this regulation.

(8) Identify, program (when applicable) and monitor the application of DA modification work orders (MWOs) and Product Improvement Programs (PIPs).

j. Director, U.S. Army Concepts Analysis Agency (USACAA). Director, USACAA, will provide to HQDA, DCSLOG and Commander, USALIA, information as requested by study directors, concerning USACAA combat and logistics simulations.

k. Principal HQDA officials. Principal HQDA officials will—

(1) Initiate action to implement approved Army Readiness and Sustainability Assessment recommendations as directed.

(2) Designate an element to serve as the focal point for all Army Readiness and Sustainability Assessment related actions.

l. Principal MACOM, agency, and activity officials. Principal MACOM, agency, and activity officials will—

(1) Provide Army Readiness and Sustainability study input data, within respective areas of responsibility, to USALIA in response to DCSLOG's Army Readiness and Sustainability study memorandum of instruction.

(2) Participate in the review and refinement of applicable Army Readiness and Sustainability study conclusions and recommendations.

(3) Initiate action to implement approved Army Readiness and Sustainability study recommendations as directed.

(4) Designate an element to serve as the focal point for all Army Readiness and Sustainability Assessment related actions.

m. The Commanding General, U.S. Army Missile Command (MICOM), will comply with the requirements in paragraph 4-2.

n. Commanders at all levels. Commanders at all levels will—

(1) Determine the causes of equipment readiness deficiencies and take corrective action within their areas of responsibility and capability. Provide feedback on systemic readiness problems to the next higher echelon.

(2) Establish supply and maintenance controls to prevent abuse of priorities and to enforce supply and maintenance discipline.

(3) Ensure accuracy and timeliness in equipment readiness reporting.

(4) Appoint a logistic readiness officer to—

(a) Keep the commander aware of the equipment readiness status of the unit.

(b) Help the commander detect and correct equipment readiness deficiencies.

(c) Insure reports are prepared by all units and forwarded through appropriate command levels to national collection point (U.S. Army Logistics Support Activity (LOGSA)) in compliance with instructions in this regulation.

(5) Participate, as required, in the review and refinement of LNA constraint conclusions and recommendations.

1-5. Materiel status reporting

The policies below apply to commanders having responsibilities for reportable items/systems listed in this regulation. Specific reporting procedures are listed in chapters 2 through 4.

a. Supply, maintenance, production, distribution, and other logistic support needed to attain materiel readiness goals are provided according to the priorities set in AR 11-12, and the guidance in AR 11-11, AR 40-61, AR 71-2, AR 700-18, AR 700-90, AR 710-1, AR 710-2, AR 10-3, AR 725-50, AR 740-11, AR 750-1, DA Pam 738-750, DA Pam 738-751, and chapters 2 through 6 of this regulation.

b. Command emphasis will be placed on timely identification of logistics problems and reporting of equipment readiness deficiencies.

c. Commanders of Army units and activities will advise their next higher echelon of unsolved logistics and equipment readiness problems.

d. Command budget (both consumer and stock funds) will include statements that identify and support readiness requirements.

e. All Active Army and RC units operating equipment listed in this regulation will submit their materiel condition status reports in accordance with the reporting instructions listed in the applicable chapters of this regulation.

f. With overview management at the DA level, readiness is determined by reporting the actual status of resources against established standards. Deficiencies are identified to determine the degree of mission capability (MC) and the timeframe for achieving this capability. Identified deficiencies will be corrected where possible through repair, redistribution, substitution, replenishment, or modernization within budget constraints. Responsibility for the resolution of problems extends from using units through major readiness and support commands and agencies to DA and the Joint Chiefs of Staff (JCS).

g. Activities and installations tasked to support deployment will ensure that logistic support is adequate.

1-6. Equipment readiness goals

a. Unit equipment readiness goals. For units reporting status of Army reportable equipment, the equipment readiness goal is 90 percent fully mission capable (FMC), except for aircraft which is 75 percent FMC. The Army goal is to reach and sustain an FMC of 90 percent for all equipment, except aircraft and flight simulators.

b. Other equipment readiness goals. For equipment in units not designated to report according to this regulation, MACOMs and separate activities may set readiness goals as required. These goals will be reported locally only.

1-7. Rating criteria

Rating parameters are expressed as percentages of resource availability (or training required), which provides a basis for resource allocation and reflect a unit's capability to accomplish the mission for which it is organized. (See AR 220-1.)

1-8. Reporting under the Army Materiel Status System (AMSS)

a. Concurrent with the installation of the AMSS process in the Unit Level Logistics System (ULLS), the reporting unit will no longer report materiel condition status on the hardcopy DA Form 2406, and DA Form 1352. The AMSS is designed to accumulate the necessary transactions at unit and support levels during the reporting period (16th day of the month to the 15th day of the following month). At the end of the report period, ULLS AMSS will process these transactions and produce an automated output that is equivalent to the "front side" of the current hardcopy forms. The equivalent "back side" information from the current hardcopy forms, will go through SAMS-1 and be produced by the Standard Army Maintenance System 2 (SAMS-2) which is located at the supporting materiel management center, (for example, Division Materiel Management Center (DMMC), Battalion Materiel Management Center (BMMC), etc.). Both of these reports, including data to the 15th of the month, will be transmitted to arrive at LOGSA not later than the first of the month following the end of the report period. Reports will be transferred to LOGSA electronically via the SAMS-2 LOGSA interface (SAMS-2 Diskette/COMM Transfer Process), or output data files will be produced on floppy disks. The preferred method of data transfer to LOGSA is electronic. If the reports are produced on floppy disks, the disks will be mailed to Director, USAMC Logistics Support Activity, ATTN:AMXLS-RRS, Redstone Arsenal, AL 35898-7466.

b. The SAMS-2 DMMC submissions may be made as frequently as weekly but not less than monthly during the report period to free up valuable disk space. The last submission which includes data to the 15th of the month will be mailed to arrive at LOGSA not later than the first of the month following the end of the report period. The application of the instructions in the automated system functional user procedures are mandatory. The accuracy of the information is dependent upon recording and entering into the automated

system each time a transaction occurs, (that is, dispatch process, supply process, and maintenance process). Accurate and complete entry of the data is necessary at the ULLS and the SAMS-1 levels to ensure proper computation of the readiness rates. It will also ensure transmission of valid data to the SAMS-2 for completion of the "back side" inoperable equipment report. During the interim period, floppy disks will be returned to the reporting unit by the most economical means.

c. Units that do not have ULLS-G with the AMSS installed will report materiel condition status by using the Installation Materiel Condition Status Reporting System (IMCSRS). Units are not excluded from reporting because they do not have access to IMCSRS or ULLS-G.

1-9. Installation Materiel Condition Status Reporting System (IMCSRS)

a. Units that have not been fielded with ULLS-G and the AMSS process installed will report materiel condition status (ground equipment only) by accessing the personal computer (PC) Installation Materiel Condition Status Reporting System (IMCSRS) operated at selected installations and commands. IMCSRS is a PC based software program that processes DA Form 2406 data, and edits the data for errors which are corrected locally prior to sending data to LOGSA. When participating units' approved DA Form 2406 data is entered into the IMCSRS program and corrected, the site operator creates an output file, for transmission to LOGSA via e-mail or Data Defense Network (DDN). The IMCSRS creates several local summary reports for use by command and installation readiness managers.

b. Units are not excluded from reporting ground equipment data because they do not have access to an IMCSRS site. Units should contact LOGSA for assistance in identifying a suitable automated reporting channel that will eliminate hardcopy submission of data. Assistance may be obtained by writing to Director, USAMC Logistics Support Activity, ATTN: AMXLS-RRS (IMCSRS), Redstone Arsenal, AL 35898-7466.

1-10. Readiness Reporting System (RRS)

The RRS is a personal computer based software program that can be used at the unit level to track reportable and non-reportable equipment maintenance and supply status; it will calculate and produce the materiel condition status report, DA Form 2406, frontside and backside. RRS has the capability to rollup equipment status to brigade level. It generates equipment summary listings and maintenance and supply reports for use by unit readiness managers. The RRS produces hardcopy reports only. In order to forward 2406 data from the RRS to LOGSA, the data must be entered into a local automated IMCSRS program at the specified installation data processing site. This software is available for units to use by sending a request in writing to Director, U. S. Army Logistics Support Activity, ATTN: AMXLS-RRS, Redstone Arsenal, AL 35898-7466.

1-11. Materiel condition status report flow

a. *Input reporting.* Reporting is completed on a monthly basis for Active Army and quarterly for RCs, except for RC aviation units which report monthly. Input forms and format vary with the resource being reported. (See table 1-1.)

Table 1-1
Input and output reports

Input Source: Aviation units
Input Document: DA Form 1352
Input Recipient: LOGSA
Frequency: Monthly
Output Reports: Gold and Grey books, Program Manager Overview, EHAT, UESSR, and SCUR.
Frequency: Monthly/Quarterly
Output Recipient: See note

Input Source: Missile units
Input Document: DA Form 3266-1

Table 1-1
Input and output reports—Continued

Input Recipient: MICOM/LOGSA

Frequency: Monthly

Output Reports: MICOM, Missile System Status Report, EHAT, UESSR, and SCUR.

Frequency: Monthly/Quarterly

Output Recipient: See note

Input Source: Ground, Aviation, and Missile Units

Input Document: DA Form 2406

Input Recipient: LOGSA

Frequency: Monthly/Quarterly

Output Reports: EHAT, UESSR, and SCUR.

Frequency: Monthly/Quarterly

Output Recipient: See note

Notes:

Output product recipients, HQDA, MACOMs, and subordinate units as approved by their MACOM.

(1) *Ground Equipment/Systems.* Ground equipment status reporting is executed according to chapter 2 of this regulation using DA Form 2406. (See fig 1-1.)

(2) *Aircraft.* Aircraft status reporting is accomplished according to chapter 3 of this regulation using DA Form 1352 (Army Aircraft Inventory, Status and Flying Time). (See fig 1-2.)

(3) *Missiles.* Missile status reporting is executed in accordance with chapter 4 using DA Form 3266-1. (See fig 1-3.)

b. Output reports. The Readiness Integrated Data Base (RIDB) is the central depository managed by LOGSA, ATTN: AMXLS-RRS, Redstone Arsenal, AL 35898-7466. The RIDB is used for analysis of readiness data generated from unit status, aircraft, missile, and ground equipment reporting. (See fig 1-4.)

1-12. Waivers and additions to the DA list of items/systems for DA Form 2406, DA Form 3266-1, and DA Form 1352 reports

a. Requests for waivers or deviations from the requirements of chapters 2, 3, and 4 of this regulation and requests for additions to or deletions from the equipment reportable items list in appendix B will be submitted to: Director, USAMC Logistics Support Activity, ATTN: AMXLS-RRS, Redstone Arsenal, AL 35898-7466. LOGSA will forward requests through Commander, AMC, ATTN: AMCLGRS, to HQDA. Functional staff proponents within ODCSLOG (DALO-SMR, DALO-AV, and DALO-SMM) will be responsible for the final decision. Requests may be submitted by any service member or Department of the Army civilian employee through their MACOM to LOGSA for final decision by HQDA.

b. All equipment in appendix B will be reported as either single items or as a system. Other items that are not in appendix B may be critical to a unit or a particular location. Commanders may ask that other equipment be reported, but only at the local level.

c. Requests to add new equipment line item numbers (LINs) may be submitted, but the impact of adding an item to appendix B affects each of the following areas:

(1) *DA Form 2406, DA Form 1352, and DA Form 3266-1.* Items/systems in appendix B go on these forms and also not mission capable (NMC) time from DD Form 314 (Preventive Maintenance Schedule and Record), DA Form 1352-1 (Daily Aircraft Status Record), and DA Form 3266-2-R (Missile Materiel Condition Status Report Worksheet), respectively.

(2) *Unit Status Report.* Under AR 220-1, all items reported on DA Form 2406, DA Form 1352, and DA Form 3266-1 will also be reported in the equipment status/readiness portion of the DA Form 2715-R (Unit Status Report).

(3) *End item code (EIC).* AR 725-50 requires that each item of equipment reportable on the DA Form 2406 and DA Form 1352 have an EIC assigned to capture demand data for supply support. Equipment that does not have an EIC assigned cannot be added to appendix B (exceptions are missile systems which do not have assigned EICs).

(4) *Preventive maintenance checks and services (PMCS) tables in operators' technical manuals.* Equipment reported on DA Form 2406 must have an "Equipment is not fully mission capable if" column in the operator's PMCS.

d. The request to add equipment to appendix B will include the following information:

(1) End item or system nomenclature (SB 700-20).

(2) Model number or numbers (SB 700-20).

(3) LIN (SB 700-20). Equipment with a Z LIN will not be added to appendix B. (HQDA may designate specific Z LINS reportable if special mission requirements justify doing so.)

(4) End Item Code (EIC). See Army Master Data File (AMDF) on Army Log or Fed Log on CD ROM, or the Remote Terminal AMDF Inquiry System.

(5) National stock number (NSN) (SB 700-20).

(6) Commodity manager. (See SB 700-20 or the Materiel Category (MATCAT) code on the AMDF.

(7) Type classification (SB 700-20).

(8) Logistics control code (LCC) (SB 700-20).

(9) Equipment category code (ECC) (DA Pam 738-750, app B, table B-18).

(10) State whether or not the equipment is to be reported as a system. Identify by noun, NSN, EIC and LIN all the separately authorized subsystems that must be considered in rating the system. For example, an M1A1 tank system is made up of these subsystems: tank, radio, and machine guns.

(11) The estimated number of items onhand in table of organization and equipment (TOE) units of the Active Army, U.S. Army Reserve (USAR), and Army National Guard (ARNG).

(12) The length of time the item has been in the Army inventory. If the item is new, state when the equipment will be in the hands of the users. Questions on inventory normally are answered by the AMC MSCs.

(13) State whether the item is being issued to replace another item. If so, identify the item. Give the dates in the fielding plan for the phase-in and phase-out of the new and old items.

(14) State what other equipment this item supports and whether it is part of another system.

(15) State whether the operator's -10, -12, or -14 technical manual (TM) for the item—

(a) Has been published.

(b) Has a PMCS table and does the PMCS table have an "Equipment is not fully mission capable if" column. If not, state what gives information on counting NMC faults. (See DA Pam 25-30.)

(16) State whether this item or system is maintenance significant or combat essential (equipment readiness code (ERC) (ERC-P pacing or ERC-A)).

(17) State how the information from the materiel readiness reports on this item will be used.

(18) Include a picture of the end item or system.

(19) Give a brief explanation of why this item should be added to the reportable items list in appendix B.

e. The request to delete equipment from appendix B will include the following information:

(1) End item or system nomenclature (SB 700-20).

(2) Model number or numbers (SB 700-20).

(3) LIN (SB 700-20).

(4) EIC. See AMDF on Army Log or Fed Log on CD ROM, or the Remote Terminal AMDF Inquiry System.

(5) NSN (SB 700-20).

(6) Commodity manager designation. (See SB 700-20 or the MATCAT Code on the AMDF).

(7) Type classification (SB 700-20).

(8) LCC (SB 700-20).

(9) ECC. (See appendix B of this regulation).

(10) Whether the equipment is currently reported as a system in appendix B.

(11) The estimated number of items onhand in TOE units of the Active Army, USAR, and ARNG.

(12) The length of time the item has been in the Army inventory. Questions on inventory normally are answered by the AMC MSCs.

(13) Whether the item is being replaced by another item. If so, identify the item. Give the dates in the fielding plan for the phase-in of the new item and the phase-out of the old item.

(14) A list of other equipment this item supports and a statement of whether or not it is part of another system.

(15) Whether this item or system is maintenance significant or combat essential.

(16) A brief explanation of why this item should be deleted from the reportable items list in appendix B.

1-13. Security classification

a. Monthly and quarterly materiel condition status reports on DA Forms 2406, 1352, and 3266-1 showing reportable equipment and status of its mission capability (for example, MC, FMC, NMCM, NMCS) will be unclassified. However, report rollups and compilations of data from DA Forms 2406, 1352, and 3266-1 which show total reportable equipment and status of its mission capability for Army units/organizations above division level (for example, corps, MACOM), will be classified CONFIDENTIAL.

b. Management reports depicting quantities and mission capabilities of single items/LINs, families of equipment (for example, tanks, radios, howitzers, missile systems, helicopters, etc.) will be unclassified regardless of Army organization level depicted.

c. Classified materiel readiness reports will be marked as follows:

- CONFIDENTIAL
- CLASSIFIED BY: AR 700-138, paragraph 1-13
- DECLASSIFY: One year from the date of the report.

1-14. Units excused from Materiel Condition Status reporting

a. In unusual cases, units or elements of units may be excused from recurring reporting requirements. Units may be excused from

reporting during the conduct of special missions or training. Approval authority is HQDA, DALO-SMR, for battalion size and larger units, and the MACOM for units smaller than battalion.

b. Units are not automatically exempt from materiel condition status reporting even though they have been granted an exemption from unit status reporting on DA Form 2715-R. A separate request for exemption from materiel condition status reporting is required.

c. When units are excused from reporting, the headquarters that granted the exemption must notify LOGSA. The UIC of the unit and the time period the unit will be exempt from reporting is required, so proper reporting status is credited to the unit. Notification must be provided by a memorandum, signed datafax, or e-mail. Written notification should be provided to: Director, USAMC Logistics Support Activity, ATTN: AMXLS-RRS, Redstone Arsenal, AL 35898-7466. E-mail address is: ehinso@logsa-emh2.army.mil.

1-15. Rounding of numbers

When the result of a calculation is not a whole number, round up or down to the nearest whole number. A .5 (point 5) is rounded to the next higher number, a .4 (point 4) to the lower number. For example, 90.5 to 91, 90.4 to 90, 99.8 to 100.

1-16. Special reporting requirement

Reports are required for aircraft, ground equipment, and missiles whenever a significant change occurs due to extraordinary circumstances, such as wind storm, hurricane, tornado, or other critical incident. The report will be prepared as a partial report to show the changed condition.

1-17. Reporting of Army War Reserve Prepositioned Sets

Use DA Form 2406 format for ground equipment, and DA Form 3266-1 format for missiles to report Army War Reserve Prepositioned Sets (AWRPS) equipment. AWRPS MTOE units identified with an "AA" UIC and assigned augmentation TDAs with AWRPS equipment will submit a quarterly report covering a 3-month period ending 15 January, 15 April, 15 July, and 15 October. Use utilization code "Y" for reporting AWRPS. Reports will be submitted to LOGSA and MICOM according to timeframes and instructions for reporting in chapters 2 and 4 of this regulation.

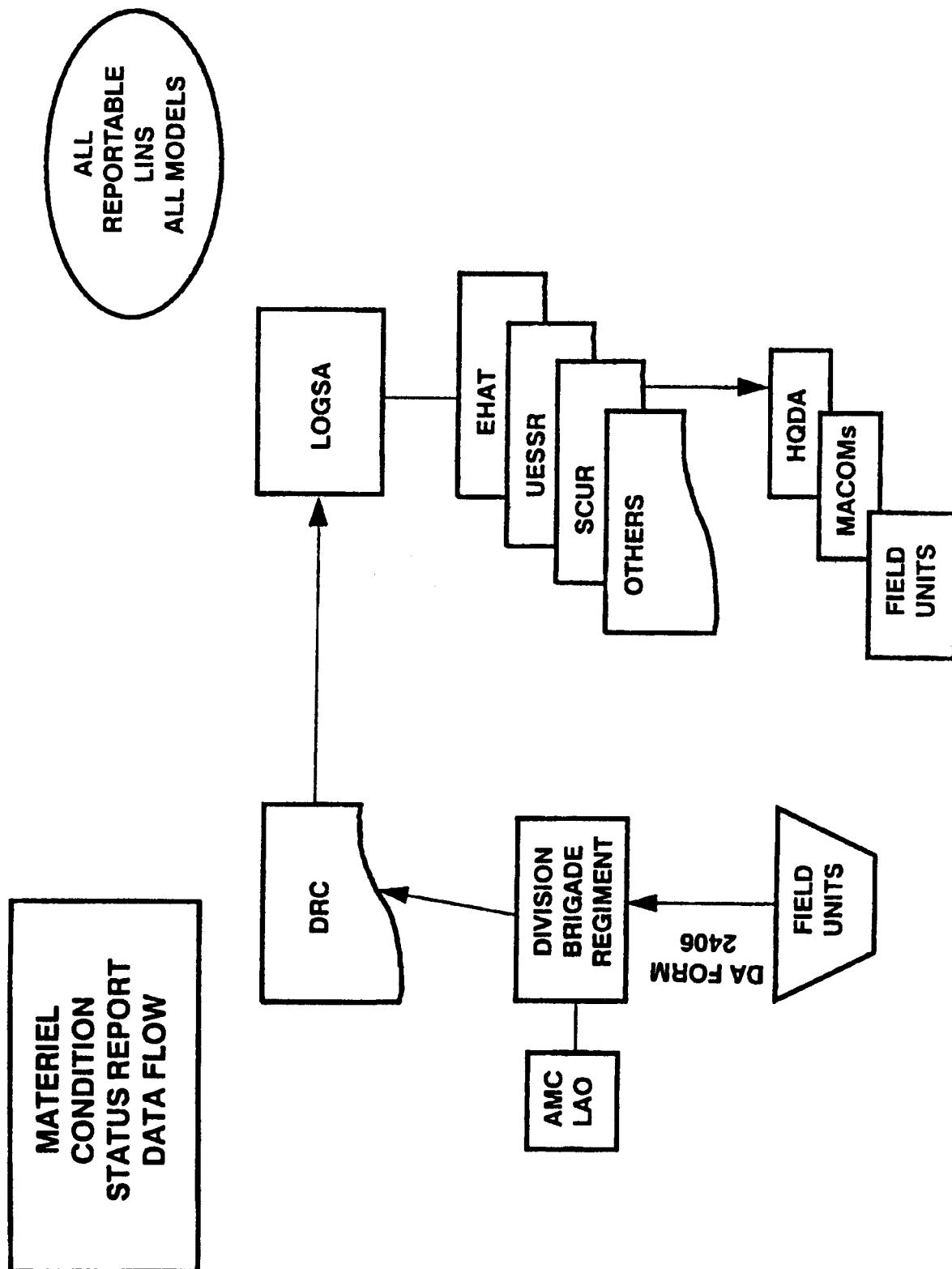


Figure 1-1. Ground equipment materiel condition status report data flow.

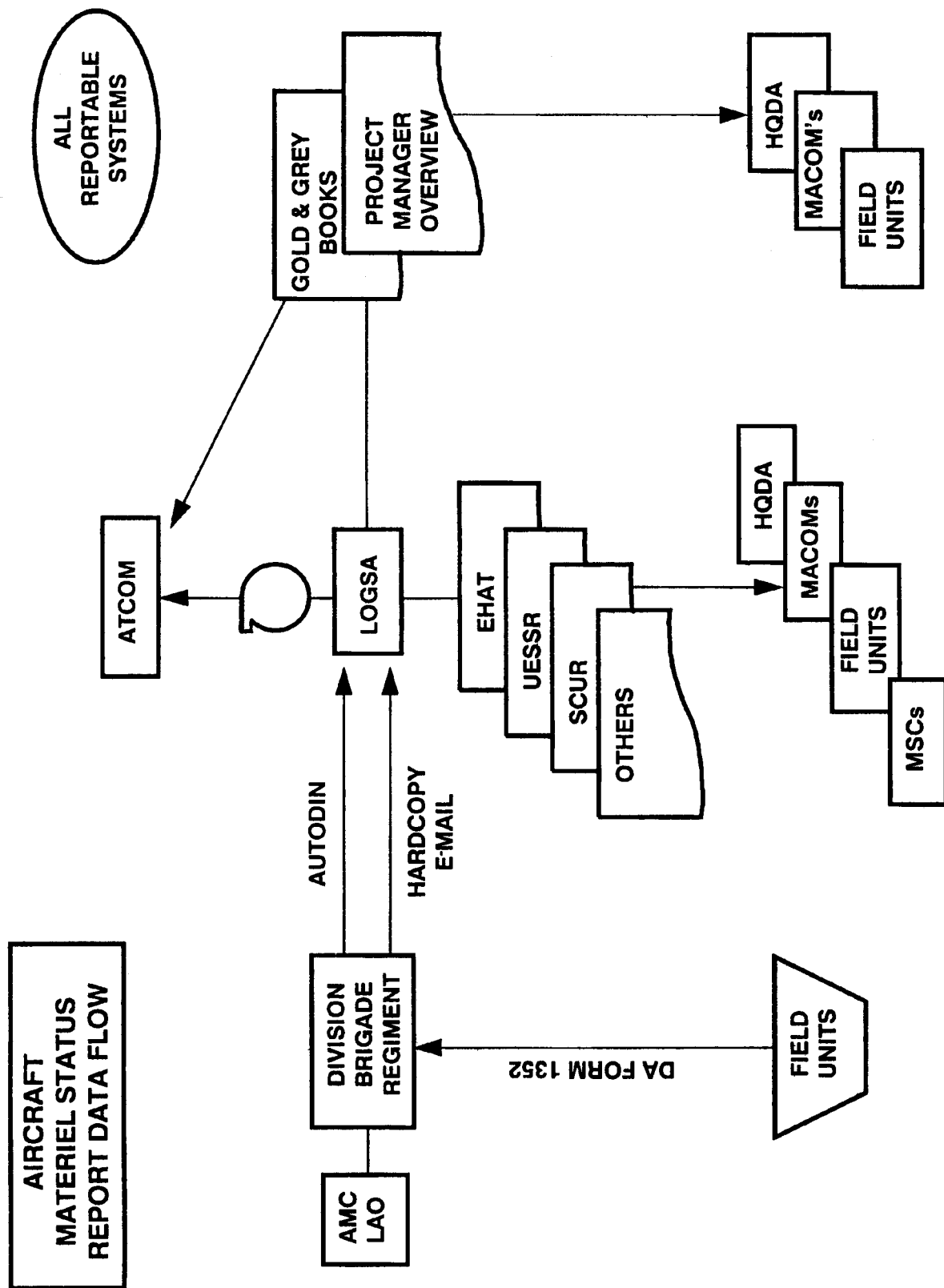


Figure 1-2. Aircraft materiel status report data flow.

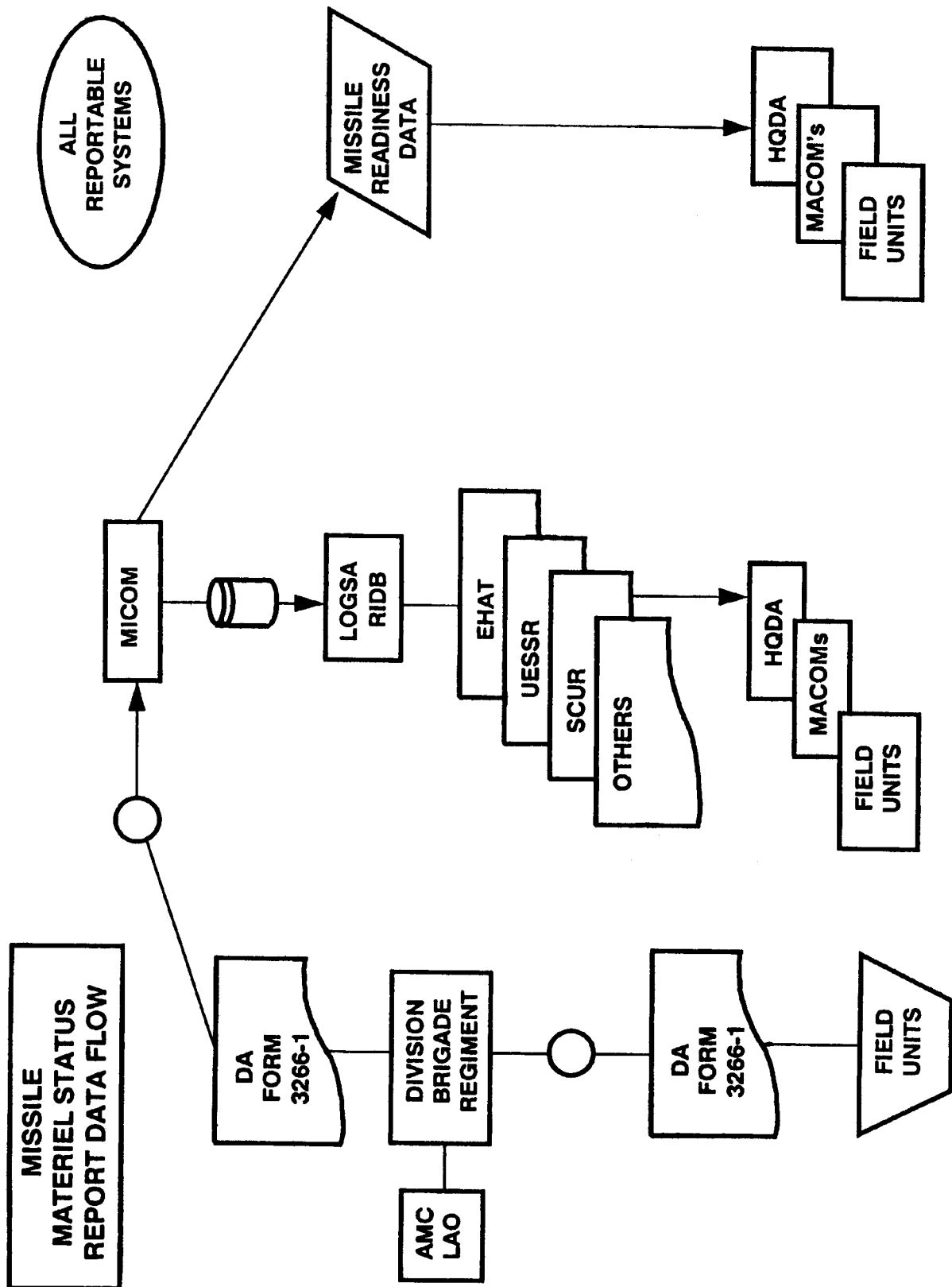


Figure 1-3. Missile materiel status report data flow.

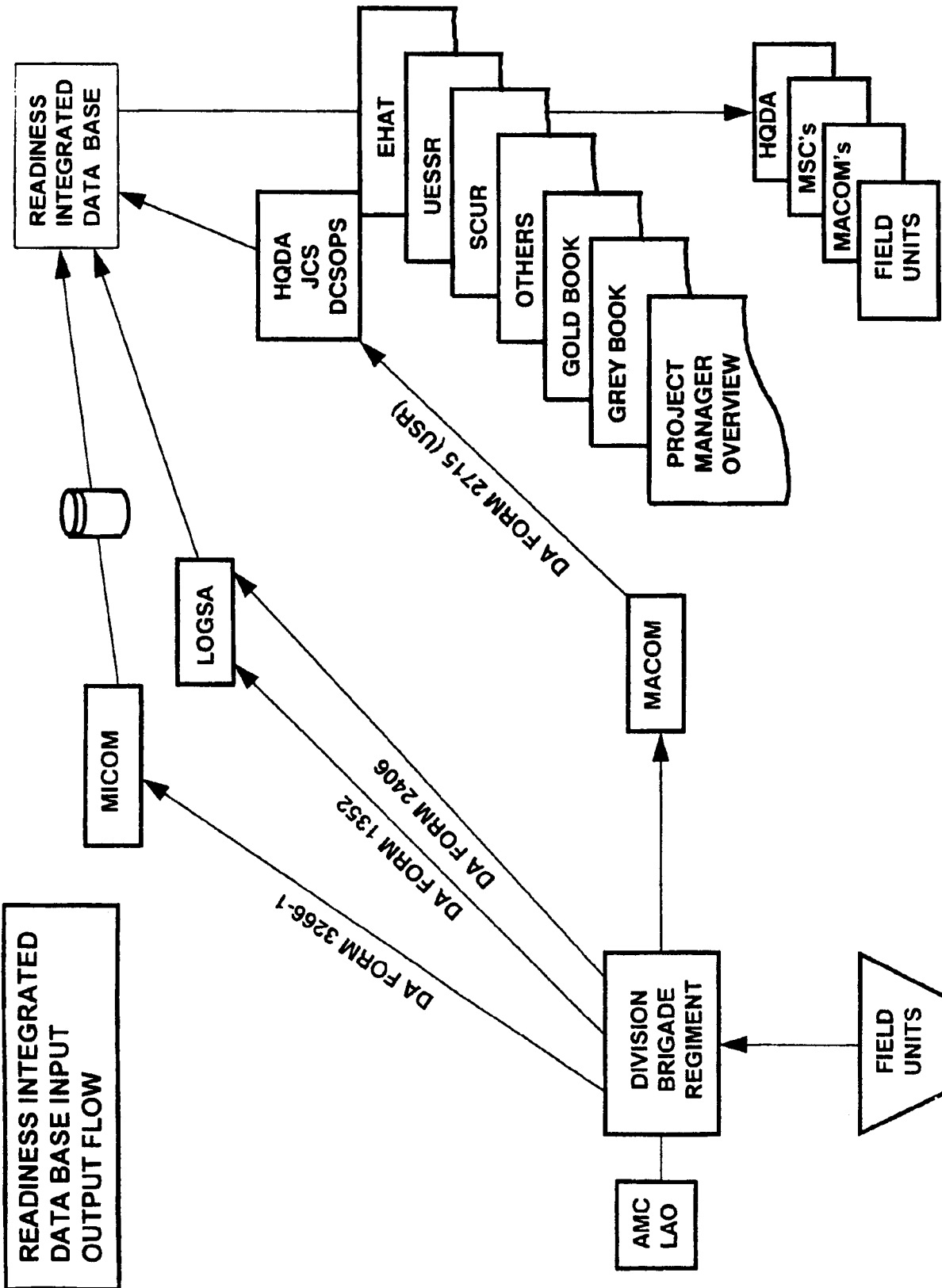


Figure 1-4. Readiness integrated data base input/output flow.

Chapter 2 (Materiel Condition Status Reporting (MCSR) RCS CSGLD-1042(R4))

2-1. General

a. The MCSR provides—

(1) The DA staff and equipment managers with readiness information on reportable items of equipment, and systems/subsystems.

(2) Commanders with information to analyze and predict equipment readiness and availability and the equipment status of their supported equipment.

(3) Unit commanders with a worksheet for computing equipment onhand (EOH) and equipment serviceability (ES) according to AR 220-1.

b. Use DA Form 2406 (Materiel Condition Status Report) for reporting the materiel condition status of equipment listed in appendix B, sections I and II (also see fig 2-1). DA Form 2406 may be electronically generated. The electronically generated form must contain all data elements and follow the exact format of the existing printed form. The form number of the electronically generated form will be shown as DA Form 2406-E and the date will be the same as the date of the current edition of the printed form.

(1) HQDA, HQ AMC, and AMC MSCs use the data from the MCSR to evaluate the status of reportable equipment and assist field units in resolving equipment readiness problems.

(2) Commanders may use the DA Form 2406 for local use and will prescribe the frequency of preparation, submission, and distribution instructions. However, for reporting to the national level, report according to paragraph 2-5. Any items of equipment required for reporting through local commands that are not identified in appendix B must be reported separately from the required DA Form 2406 entries. For local command reporting, skip three lines below the last entry, write For Local Use Only and record the required entries.

2-2. Report review

a. Commanders identify the cause of equipment failures and initiate corrective action.

b. MACOMs review the MCSRs and assist the unit in resolving equipment readiness problems.

c. Commanders of direct support units (DSUs) will review each supported unit's report. DSUs will assist units supported in resolving equipment readiness problems.

2-3. Reporting units/activities

a. The DA Form 2406 will be submitted by all units and activities under utilization codes 0, 4, 7, 8, A, H, K, Q, W, or Y. Only units and activities under these utilization codes are required to fill out the DA Form 2406. These utilization codes are described in figure 2-1. Make separate reports when more than one of the above codes apply for unit onhand equipment. Area Maintenance Support Activities (AMSA) and Equipment Concentration Sites (ECS) will use utilization "0". Units that have operational readiness float (ORF) equipment, make a separate report using utilization code "4". Units with AWRPS equipment, make a separate report using utilization code "Y". DA Pam 738-750, table B-6, lists all the utilization codes.

b. Reporting units complete the MCSR at the parent unit level (no higher than battalion). For modified table of organization and equipment (MTOE) units, the battalion is the parent unit. TOE separate companies and detachments that are not part of a larger unit are their own parent unit. For table of distribution and allowances (TDA) units, the property book level is the parent unit. Medical TDA units (fixed facility) are not required to report unless directed by AR 220-1, Unit Status Reporting.

c. Reporting units, parent unit level, are responsible for an accurate accounting of their unit identification codes (UICs) to the LOGSA. To maintain a current organizational structure of each division, regiment or separate brigade, notify LOGSA promptly when units have been activated, deactivated, or reassigned. This information

may be telephonically submitted to LOGSA. Subsequently, follow-up the action in writing to: Director, USAMC Logistics Support Activity, ATTN: AMXLS-RRS, Redstone Arsenal, AL 35898-7466.

2-4. Frequency of report

a. All Active Army units will make a monthly report on DA Form 2406 covering a 1-month period ending the 15th day of each month.

b. USAR and ARNGUS (including mobilization and training equipment sites (MATES) units will make a quarterly report on DA Form 2406 covering a 3-month period ending 15 January, 15 April, 15 July, and 15 October.

c. All units (Active Army, USAR and ARNGUS) with AWRPS will make a quarterly DA Form 2406 report covering a 3-month period ending 15 January, 15 April, 15 July, and 15 October.

d. The DA Form 2406 also feeds DA Form 2715-R (Unit Status Report), (AR 220-1). Active Army units will use the monthly DA Form 2406 reports as worksheets for the monthly unit status report. RC units use the January, April, July and October reports as worksheets for the quarterly unit status report.

e. The disposition instructions provide the schedule for submission.

2-5. Reportable/nonreportable equipment

a. All equipment LINs listed in appendix B that are authorized on the MTOE/TDA, and/or onhand on the last day of the report period and on the unit property book will be reported on DA Form 2406.

b. Units using automated reporting systems, that is, ULLS-G or IMCSRS will report equipment designated as reportable in the Maintenance Master Data File (ULLS users) or the reportable equipment list in the IMCSRS. As AR 700-138 is not changed/revised as frequently as automated files, there may be equipment designated as reportable/not reportable on the automated files that are not published in AR 700-138 until the next subsequent change or revision. Changes to reportable equipment in the automated systems will be authorized by HQDA change message to all major commands.

c. If authorization documents are changed before modernization equipment is available for fielding, commanders will designate equipment onhand as "in lieu of" the newly required equipment for materiel condition status reporting purpose. The "in lieu of" policy will apply only when the equipment is in lieu of modernization equipment. The "in lieu of" equipment should be listed in SB 700-20, appendix H, as an authorized substitute. If the item is not listed in SB 700-20, it is the unit commander's responsibility to initiate the process to incorporate the "in lieu of" item. In lieu of or substitute equipment will be reported on DA Form 2406, only if it is listed in appendix B, or has been authorized by HQDA change message to appendix B.

d. Equipment is not reported to the national level when—

(1) The item's LIN is not in appendix B. Items that are substitutes (SB 700-20, app H) or in lieu of appendix B items WILL NOT be reported if they are NOT listed in appendix B, or have NOT been authorized reportable by HQDA.

(2) The item of equipment/system was developed, made, bought, or is being used solely for military occupational specialty (MOS) training at U.S. Army Training and Doctrine Command (TRADOC) schools or other training centers and is not configured as it would be in a combat environment (for example, as a complete system). This equipment is typically used in a classroom setting and was not intended to be fully mission capable. The equipment may be in a constant state of disassembly/reassembly and is often subject to induced failures; therefore, it should not be reported. However, items of equipment/complete systems (appendix B) located at TRADOC schools and other training centers, which are operationally/combated configured and required to be FMC for their intended use, will be reported.

(3) The equipment is reported as part of a system. When equipment is reported as part of a system (for example, trucks and

generators) reduce the number authorized and onhand by one for each reportable item used with a system.

(4) The equipment is borrowed from another unit (see paragraph 2-6a).

2-6. General reporting instructions

a. Equipment on loan is reported by the unit that has the equipment on its property book. When equipment is on loan, the borrowing unit keeps a duplicate DD Form 314. The borrowing unit will give not mission capable supply (NMCS)/not mission capable maintenance (NMCM) data to the owning unit at the end of the report period. The duplicate DD Form 314 goes with the equipment when it is returned to its owner. Both units must ensure that the owner gets the duplicate DD Form 314 when the loan is completed. (See DA Pam 738-750 for instructions for DD Form 314.)

b. Assets at mobilization and training equipment sites (MATES), unit training equipment sites (UTES), or equipment concentration sites (ECS) are not loaned equipment. The MATES keeps the DD Form 314 for ARNG units. Only the owning USAR or ARNG unit will report this equipment.

c. AMSAs and ECSs will report only equipment authorized on their assigned TDA and any onhand equipment as listed in table B-1 and B-2 of this regulation.

d. Equipment on a DA Form 2407 (Maintenance Request) or DA FORM 5990-E (Maintenance Request) at a support unit/activity is reported NMC only if it has an NMC fault. It is counted FMC when the support unit/activity notifies the owning unit that the equipment has been repaired and is awaiting pick-up.

e. Equipment that is in a depot for repair or overhaul and return stays on the unit's property book. That equipment will be reported as NMC for support maintenance.

f. NMC equipment cannot be reported as FMC because a usable subsystem is available to be shifted among systems or end items. The actual transfer or replacement must be accomplished before the equipment can be reported FMC. Controlled exchanges can be made to keep equipment FMC. AR 750-1 tells when and how to make controlled exchanges. Commanders will make sure that this practice is not misused.

g. Most of the items listed in appendix B will be reported as separate items. However, some items are so important to combat and combat support missions that they must be reported as systems. Those items will have an asterisk by the LIN in appendix B, section I. Only the items with an asterisk will be reported as systems.

h. When an item has an asterisk by the LIN in appendix B, go to section II. Appendix B, section II, lists authorized subsystems that will be considered as part of the system.

i. Sometimes an item in appendix B is also listed as a subsystem for another item. For example, a 2 1/2-ton truck under LIN T61494 is in appendix B, section I and that truck is also listed in appendix B, section II, as a subsystem for a towed howitzer, LIN K57392. When that truck is used to move a towed howitzer, it is a mobility subsystem of the howitzer system. Only the primary mission item of the system (in this case, the howitzer) goes on the DA Form 2406 in columns 9d (1) and (2). Reduce the number of trucks authorized and onhand by one for each reportable truck used as a subsystem.

j. When reporting a system, the primary mission item (the reportable system LIN) must be onhand and on the unit property book before possible days can be reported on the DA Form 2406. If the system LIN is authorized on the MTOE/TDA but not onhand, report on the DA Form 2406, (for example, 1 authorized, 0 on hand) possible days, available days, and the remaining blocks will not have any data entered in those blocks. When the primary mission item (system LIN) is not onhand, report subsystems as separate LINs if they are listed in appendix B, section I. If the subsystem LIN does not appear in appendix B, section I, disregard it for materiel condition status reporting purposes.

k. All authorized subsystems in appendix B, section II, must be onhand and FMC for the system to be FMC. When a system is NMC because an authorized subsystem is not onhand, use the appropriate effect on system (EOS) and "Z" code combination to

highlight the subsystem not onhand. List the requisition number for the subsystem on the back of the DA Form 2406. Ask the supporting AMC logistic assistance office (LAO) for assistance with the requisition if needed.

l. The DA Form 2406 must be correct and readable.

m. List equipment on the DA Form 2406 in LIN order.

n. When only one model is onhand under a LIN, use one line in columns 9a through 9f to report it. If two or more models are onhand under a LIN, use more than one line. The first line (the authorized line) shows the totals for all models under a LIN. Columns 9a through 9e will show the total for all models authorized for that LIN. The model field is left blank. Then on separate lines beneath that LIN, show the information for each model. Leave the authorized column blank on the model lines (see figure 2-1).

o. See AR 18-25 for reporting information on the AN/MYQ-4 Data Processing System.

p. For models listed in appendix B, match the model number exactly. For example, more than one tank has an M1 model number. Appendix B gives each configuration a slightly different number such as M1IP, M1A1, or M1A2.

q. The EOS codes identify the mission critical subsystems of reportable systems (app B, sec II). EOS codes are reported to provide information on those subsystems which most often fail and cause the system to be NMC.

(1) EOS codes provide critical data to materiel managers about persistent, recurring equipment problems at the subsystem level which should be focused on and fixed. These are problems that may not be easily taken care of through normal maintenance and supply procedures, so they must receive special attention at the MACOMs, AMC, and HQDA. The importance of reporting EOS codes cannot be overemphasized. They are essential information for improving Army materiel readiness, and their use is mandatory.

(2) EOS codes are listed for each reportable system in appendix B, section II.

(3) EOS codes are only used with LINs that are reported as systems (app B, sec II).

(4) EOS codes must be used whenever nonavailable (NMC) time causes the system to fall below the DA goal of 90 percent FMC. Show the applicable EOS codes for the subsystem causing the failure. The NMC days for subsystems will be recorded on the DD Form 314. See DA Pam 738-750 for instructions on how to use the DD Form 314.

(5) EOS codes are as follows:

(a) A for computer problems.

(b) B for shelter, trailer or van problems.

(c) C for communication equipment problems.

(d) D for NBC equipment problems.

(e) E for environmental control problems (for example, air-conditioners and heaters).

(f) F for missile subsystem problems.

(g) K for COMSEC problems.

(h) M for prime mover problems.

(i) N for other subsystem problems.

(j) P for external power source problems (for example, generators).

(k) S for shoot problems.

(l) T for maintenance and shop equipment problems (for example, BITE and STE).

(m) W for Intelligence Electronic Warfare.

(n) Z for identifying subsystem shortages (must be used with another EOS code. (See paragraph 2-6p(9)).

(6) When problems occur with a mission critical subsystem that has not been assigned a specific EOS code, use N (other subsystem problems) when reporting. Do not use this code when another EOS code would be more appropriate to describe the problem.

(7) Some reportable systems, such as tanks and self-propelled artillery, list both "M" and "S" EOS codes. In these cases, the "S" refers to problems with the gun, fire control equipment, and turret (less communication equipment). The "M" covers the chassis.

(8) EOS codes are entered in column 9b(2) on the DA Form 2406 (following the noun). Up to two EOS codes can be reported at

a time for each system line entry. List first, the EOS code for the subsystem that is affecting the most equipment or failing most often. Then list secondly, the EOS for the subsystem causing the next most problems. The first code listed will be considered the primary contributor to NMC time, and the second code listed will be classified as a secondary contributor to NMC time.

(9) When a system problem is primarily caused by shortage of a particular subsystem, identify the EOS of the subsystem in the first(primary) position and then list EOS "Z" in the second position. For example, if most of the system downtime is caused by a shortage of radios, put "CZ" in column 9b(2) on DA Form 2406; if most of the system downtime is caused by a shortage of trucks, put "MZ" in column 9b(2), and so forth. Never use the EOS "Z" by itself; always use it in the secondary position in conjunction with another EOS in the primary position so the subsystem shortage is clearly identified.

r. Subsystems listed in appendix B, section II are considered only when they are authorized. If a subsystem required in appendix B, section II, is not authorized on the MTOE, then the system is not counted NMC for lack of subsystem. Radios are designated for specific vehicles by the MTOE and or by the type of installation kit authorized on the MTOE. When more than one radio is authorized for a vehicle, the system is NMC when any one radio is NMC. When the MTOE or installation kit does not limit the radio(s) to a specific vehicle or type of vehicle, the commander may designate the vehicle on which the radio is to be mounted.

s. Units (AA or property book level) that are operating under more than one MTOE/TDA will combine reportable equipment on a single DA Form 2406. Do not submit separate reports for MTOE equipment and TDA equipment under the same UIC and utilization code. If TDA equipment is carried under a UIC that ends in "99", a separate report is required. A separate report is required for each utilization code.

2-7. Due dates, routing, and number of copies

a. Materiel Condition Status Reports (MCSR) will be distributed as follows:

(1) The original completed copy of the MCSR for items in appendix B goes through local command channels to the IMCSRS site for data reduction. The information is then sent to the Director, USAMC Logistics Support Activity, ATTN: AMXLS-RRS, Redstone Arsenal, AL 35898-7466. The information must be submitted to LOGSA by one of four methods: electronic mail (e-mail) electronic transmission via DDN; on floppy diskette, (3 1/2 or 5 1/4 floppy), high or low density; or hard copy DA Form 2406, which must be approved by LOGSA(AMXLS-RRS) prior to submission. The preferred method for submission of data is by electronic means.

(a) Those reports electronically transmitted are required to arrive at LOGSA not later than the first day of the month following the end of the report period. Message address for DDN submission to LOGSA is: RUQAEHR/DIRLOGSA RIDB-DATA REDSTONE ARSENAL AL//AMXLS-RRS//. The message precedence required is PRIORITY. The language media format (LMF) code is "CC" (card to card). Content Indicator Code (CIC) is "AHBE"(Department of Army Logistics Management Reports). The address for e-mail submission to LOGSA is: ridbdata@logsa-emh2.army.mil.

(b) The reports submitted in hard copy, diskette, or magnetic tape are required to be sent by first class mail to Director, USAMC Logistics Support Activity, ATTN: AMXLS-RRS, Redstone Arsenal, AL 35898-7466. The reports must arrive not later than the first day of the month following the end of the report period. The envelope will show a required delivery date such as "RDD."

(c) Use automated means when available for submitting reports.

(2) Army Reserve and National Guard units and units with AWRPS keep one copy (machine or hard) of all DA Form 2406 reports on file for 1 year and then destroy according to instructions in AR 25-400-2. Active Army units keep copies for 6 months and then destroy. File copies will be maintained at the parent unit level that prepared the DA Form 2406 report, battalion, separate company, or detachment.

(3) One copy will be sent to higher headquarters, as ordered.

(4) One copy will be sent to the supporting supply and maintenance activities to coordinate maintenance priorities.

(5) Copies of unit materiel condition status reports will be provided to the local AMC logistics assistance office.

(6) ARNGUS MATES will submit a hard copy of DA Form 2406 directly to CNGB, ATTN: NGB-ARL-MM, 111 S. George Mason Dr., Arlington, VA 22204-1392. This report is due at NGB NLT the first of the month after the cutoff date of report.

(7) All levels of command will ensure that reports are moved rapidly through the chain of command. The data reduction center will maintain a 6-month history file of DD Form 1392 (Data Messageform)for reports sent by electrical means. Unit commanders will maintain a 6 months history file of certified/registered mail receipts for those reports that are sent by mail.

b. When correcting a hard copy report, mark the corrected report at the top and bottom of each page with "CORRECTED COPY." On the corrected copy, complete blocks 1 through 7 from the original report. In block 9, repeat the sequence number of the incorrect lines from 9a on the original report and then enter only corrected information in columns 9b through 9e. Send the corrected data through the same local command channels as before to, Director, USAMC Logistics Support Activity, ATTN: AMXLS-RRS, Redstone Arsenal, AL 35898-7466. Corrected reports must arrive at LOGSA not later than the 5th day of the month following the end of the report period. Corrected reports must be submitted by the same method as the original report: E-mail; DDN; floppy diskette; or hard copy. The corrected report will replace previously submitted data for that report period.

2-8. List of items for materiel condition status report

a. Reportable LINs in appendix B have been designated mission-essential equipment and systems.

b. Models under a LIN in appendix B are reportable on the DA Form 2406 only when they have an LCC of A, B, F, T, or U in SB 700-20 or in the LCC column of the AMDF.

c. Equipment category codes are determined from DA Pam 738-750, table B-18.

d. The EIC is a three-position equipment code for supply use. The code is put on DA Form 2407 and supply requests for items listed in appendix B. AR 710-2, DA Pam 710-2-1, DA Pam 710-2-2, and AR 725-50 explain when and how to use the codes for supply purposes.

e. For adding equipment to the reportable items list, see paragraph 1-10.

2-9. Data processing instructions

a. MCSR data collection.

(1) The central collection activity will—

(a) Monitor and control the collection of forms.

(b) Edit all forms received.

(c) Sort and deliver forms to a data reduction activity for processing.

(2) The importance of editing cannot be overemphasized. Inaccurate and or incomplete data on the forms will result in invalid statistics and reports. Editing must be accomplished promptly to insure that forms can be processed and data submitted to the addresses listed in this regulation, within prescribed time limitations. The following general editing rules pertain to all data collection forms:

(a) All required data must be entered in appropriate blocks or positions, and it must be legible.

(b) Only codes in this paragraph will be used.

(c) Ditto symbols are authorized.

(d) Blocks not requiring an entry on the form due to the configuration or type of equipment should be blank.

(3) Although all applicable blocks on the form being edited should contain accurate entries, machine processing and the use of data collected make certain entries more important than others. Specific editing instructions for MCSR forms are described in

(a), (b), and (c) below and are in compliance with entry instructions in paragraph 2-9e.

(a) An entry is absolutely essential when instructions state "must contain entry." The lack of an entry will preclude acceptance of the entire record into the Army's RIDB and limit or eliminate the use of the record.

(b) The lack of an entry will not cause the form (record) to be rejected in the RIDB when the instructions state "should contain entry." However, the absence of this information will limit the use of other recorded data. Every effort should be made to obtain and enter the missing information.

(c) Because of variable conditions and equipment, some entries are not applicable to every form being edited. In many instances, the "may" entry is contingent upon a required entry in a related block. An explanation is provided for editing the MCSR form in paragraph 2-9e.

b. MCSR data reduction.

(1) Data reduction is the process of converting data from a written or typed form (hard copy) to a machine readable format for electronic transmission. The validity of reports and statistics used for maintenance management and decisions affecting maintenance policies and procedures depends upon the accuracy achieved in the data reduction process. Errors committed during this process, especially in converting the "must" entries, will result in rejected records at the national level.

(2) Record formats and data entry instructions for individual forms contained in this chapter must be adhered to prior to data transmission from one command or activity to another. However, records maintained for local use may be altered to satisfy local requirements. Records submitted by methods other than e-mail or DDN must be coordinated with LOGSA prior to the initial submission.

(3) Converted data must be submitted to appropriate addresses in this regulation within the time limitations prescribed for each type of form.

c. MCSR transmittal instructions.

(1) Place hard copies of DA Form 2406 in envelopes or packages; enclose a DA Form 200 (Transmittal Record) as prescribed below; and seal the container securely.

(a) Prepare a separate DA Form 200, in duplicate, for each shipment of forms and disposition instructions in (d) and (e) below.

(b) The destination will be the appropriate addressee listed in para 2-7a(1).

(c) Enter the specific AR reference, letter reference, or other reference in accordance with which the forms are being submitted.

(d) Place the original of the DA Form 200 in the envelope or package.

(e) Retain the remaining copy not less than 6 months.

(2) Place diskettes in a padded jiffy bag or diskette mailer. Mark container in the following manner so data will not be erased or altered: "Avoid exposure to all magnetic fields" or "Magnetic disk—DO NOT X-RAY".

(3) Transmit data using e-mail, DDN or other transmittal facilities. The electronic transmission of DA Form 2406 data to the national level is particularly urgent due to the critical requirement for these data. Line entries from DA Form 2406 must be transmitted in LIN sequence.

(4) MCSR data processed. MCSR data collected will be processed into master files and or retained for the purpose of producing maintenance management subsystem reports for field commanders. Duplicate data for reportable items will be transmitted to the address listed in this regulation.

d. MCSR summary.

(1) To provide field commanders and intermediate commanders with a management tool to evaluate the status, posture, and condition of selected items, a Materiel Readiness Summary will be prepared by supporting data processing activities. More frequent summaries may be prepared as required for local management. The

summary will portray all equipment reportable to LOGSA as indicated in appendix B. Additional items of equipment may be included in the summary for local use only at the option of field commanders. Such additions would require local expansion of items reported on DA Form 2406.

(2) The summary will be prepared in two parts. Part 1 will be primarily a summarization of the "authorized lines" of DA Form 2406 by generic nomenclature. Minimum data elements will include—

(a) Total quantity authorized.

(b) Total quantity onhand.

(c) Repair parts shortage.

(3) The DA Form 2406 data flow is diagrammed at figure 2-2 and the source data is shown in tables 2-1 and 2-2.

(4) Part 2 will be primarily a summarization of the "issue lines" of DA Form 2406 by equipment model. Minimum data elements will include—

(a) Total quantity onhand.

(b) Fully mission capable (FMC) goal as established by DA publications.

(c) Percent FMC.

(d) Number of not mission capable (NMC) days segregated by NMCS/NMCM into organizational and support maintenance.

(5) The summary may be prepared as a machine listing or converted to manuscript format at the option of the field commander. To be effective, the summary must be prepared as soon as possible after DA Form 2406 data have been processed. The distribution date and the requirement for summaries for intermediate command levels will be established by the field commander. An example of the summary (with minimum required data elements) is illustrated in table 2-3.

(6) In addition to the above, commanders will establish a program to maintain support maintenance turn-around time. (Support maintenance turn-around time is defined as the time from acceptance of the item by the support maintenance shop to notification from the support shop that the equipment is ready for pickup.) The program should provide periodic summaries for the purpose of highlighting problem areas in which corrective action may be taken.

e. MCSR DA Form 2406 entries. Before entering data, make sure that the following information is contained in blocks and columns described below:

(1) Block 1, Period of report. Must contain two Julian dates. The "TO" date must be greater than the "FROM" date. The monthly report must always be either a 28, 29, 30, or 31 day inclusive period; the quarterly report must always be either a 90, 91, or 92 day inclusive period.

(2) Block 2, Date prepared. Should contain the Julian date when the report was prepared.

(3) Block 3, Utilization code. Must contain only those utilization codes from instructions for figure 2-1.

(4) Block 4a, Page no. Should contain the page number.

(5) Block 4b, No. of pages. Should contain the number of pages in the report.

(6) Block 5, To. Should contain the name and address of the addressee.

(7) Block 6, From. Should contain the name and address of the addressor.

(8) Block 7, Unit Identification Code. Must contain the correct six character UIC of the submitting activity.

(9) Block 8, MTOE/TDA no. Should contain the numeric-alpha MTOE or TDA number.

(10) Column 9a, Seq. No. Must contain numeric entries and may be followed by alpha characters. An entry of numeric digits only represents the "authorized line." An entry with both numeric digits and alpha characters represents the "issue line." Numeric entries must not exceed two digits; entries recorded as 1, 2, and 3 through 9 should be preceded with zeros (for example, 01, 02, 03). The numbers will start with 01 on the first line and will continue in numeric sequence. When alpha characters are added to numeric digits, the sequence must be numeric/alpha (for example, 01, 01A, 01B, 02, 03, 03A).

(11) Column 9b(1), Noun. May contain an entry, not to exceed eight characters.

(12) Column 9b(2), EOS. Effect on systems code may contain one or two alpha characters (for example, M, S, C, P, or N) or may be blank. If code Z is used, it must be used with another code in the 1st position, and Z must always be in the 2d position.

(13) Column 9b(3), Model. May be blank for numeric only line entries in column 9a. Numeric/alpha entries must have a model entry, not to exceed 10 characters. Model entries must be entered exactly as listed in appendix B, section I.

(14) Column 9c, ECC/LIN. Must contain the equipment line item number (consisting of an ECC plus the appropriate SB 700-20 LIN for item reported).

(15) Column 9d(1), Auth Qty. Must contain a numeric entry for every authorized line (numeric only in column 9a). Enter zero if none authorized. Issue lines (numeric/alpha in column 9a) will always be blank.

(16) Column 9d(2), Onhand Qty. Must contain a numeric entry for each line. If none onhand, enter zero. Note. The total of the quantities onhand in the "Issue lines" must equal the onhand quantity in the related "authorized line" (for example, total of 2A, 2B, and 2C must equal the quantity entered in the onhand column of line sequence number 2 (authorized line)).

(17) Column 9e(1), Possible days. Must contain an entry. An entry in column 9e(1) must equal the entries in columns 9e(2), 9e(3)(a), and 9e(3)(b). If column 9d(2) onhand-quantity is zero, enter zero in column 9e(1).

(18) Column 9e(2), Available days. Must contain an entry. Must contain an entry if column 9e(1) has an entry. The entry in this column must equal the entry in column 9e(1) minus the sum of the entries in columns 9e(3)(a) and 9e(3)(b). If column 9e(1) entry is zero, enter zero in column 9e(2).

(19) Column 9e(3), Nonavailable days. May contain entries. The sum of the entries in these columns must equal the entry in column 9e(1) minus the entry in column 9e(2). If there are no entries in these columns, the entries in columns 9e(1) and 9e(2) must be equal.

(20) Columns 9f(1) through 9f(5), For field use only. Can be used for local management purposes or feeder data for DA Form 2715, Unit Status Report. Data entered in these columns are not required to be forwarded to LOGSA.

f. Reverse side of DA Form 2406. The reverse side of DA Form 2406 (block 10) may be processed using the "R" card format as prescribed in table 2-6. These data are for local management purposes only and are not forwarded to LOGSA.

g. MCSR record format. The information from DA Form 2406 may be electronically transmitted by using the following MCSR record format instructions:

(1) DA Form 2406 (record format) (fig 2-3).

(2) DA Form 2406 (alpha 0 record) data entry instructions (table 2-4).

(3) DA Form 2406 (P record) data entry instructions (table 2-5).

(4) DA Form 2406 (R record) data entry instructions (table 2-6).

Table 2-1
Materiel condition status summary—part I
Summarized from authorization line

Listing Data	Position No.	Form No.	DA Form Block No.	Record	Data Entry Position No.
Noun Nomenclature	A	2406	9b(1)	P	11-18
Quantity Auth	B	2406	9d(1)	P	39-41
On Hand	C	2406	9d(2)	P	42-44

Table 2-2
Materiel Condition Status Summary—part II
Summarized from issue line

Listing Data	Position No.	Form No.	DA Form Block No.	Record	Data Entry Position No.
Noun Nomenclature	A	2406	9b(1)	P	11-18
Effect on System Code	B	2406	9b(2)	P	19-20
Model Series	C	2406	9b(3)	P	21-30
Quantity O/H	D	2406	9d(2)	P	42-44
FMC Goal	E	2406	DA GOALS		COMPUTE
Percent FMC	F				
NMCS Org	G	2406	9f(3)		
NMCS Spt	H	2406	9e(3)(a)S	P	55-59
NMCM Org	I	2406	9e(3)(b)S	P	65-69
NMCM Spt	J	2406	9e(3)(a)M	P	60-64
			9e(3)(b)M	P	70-74

Table 2-3

**Material readiness summary-format
MCSR Summary**
Material Readiness Summary Part I as of Jan 96 101st ABN DIV

Nomenclature	Qty Auth	Qty O/H
A	B	C
Rifle rec 106mm	120	118
Truck Utility 1/4 T	768	742

Material Readiness Summary Part II as of Jan 96 101st ABN DIV

Nomenclature	Model	Qty O/H	OPR Ready Goal	Percent O/R	NMCS ORG	NMC Ready Days SPT	NMCM ORG	Days SPT
A	B,C	D	E	F	G	H	I	J
Rifle rec 106mm M40A1	118	92	99	82	92	140	118	
Truck Utility 1/4 T M151	634	92	92	2304	4029	3457	1728	
Truck Utility 1/4 T M38A1	108	92	91	460	809	691	346	

Table 2-4

DA Form 2406 (O record) Data Entry Instructions

SOURCE DA Form 2406		Alpha O Record Position		No. of Posns	Alpha	Data NUM	Remarks
Block	Name of field	FR	To				
7	Unit Ident Code	1	6	6	X	X	
	Correction		7	1	X		* Enter C
8	TOE Number	58	64	7	X	X	
2	Date Prepared	66	69	4		X	
1	Period From	70	73	4		X	
1	Period To	74	77	4		X	
3	Utilization Code		79	1	X	X	As shown except AC-0 numeric
—	Record Code		80	1	X		Enter O

Legend for Table 2-4:

All data left justified unless otherwise indicated.

* Enter Column 7 for corrected data

Table 2-5

DA Form 2406 (P record) Data Entry Instructions

SOURCE DA Form 2406		Alpha P Record Position		No. of Posns	Alpha	Data NUM	R-JUST	Remarks
Block	Name of field	FR	To					
7	Unit Ident Code	1	6	6	X	X		
	Correction		7	1	X	X		* Enter C
9a	Sequence	8	10	3				
	Numeric	8	9	2		X		Numeric (01-99)
	Alpha		10	1	X			If no alpha leave blank
9b(1)	Noun Nomenclature	11	18	8	X	X		
9b(2)	Effect on System Code	19	20	2	X			
9b(3)	Model	21	30	10	X	X		
9c	LIN/ECC	31	38	8	X	X		
9c	ECC(Alpha)	31	32	2	X			
9c	LIN(Alpha/Numeric)	33	38	6	X	X		
9d(1)	Density-auth	39	41	3		X	X	Prefix w/zeros
9d(2)	Density-on hand	42	44	3		X	X	Prefix w/zeros
9e(1)	Possible Days	45	49	5		X	X	Prefix w/zeros
9e(2)	Available Days	50	54	5		X	X	Prefix w/zeros
9e(3)	Nonavailable Days-	55	64	10		X	X	Prefix w/zeros
(a)	Organization							
S	Organization (Supply)	55	59	5		X	X	Prefix w/zeros
M	Organization (Maintenance)	60	64	5		X	X	Prefix w/zeros
9e(3)	Nonavailable Days-	65	74	10		X	X	Prefix w/zeros
(b)	Support							
S	Support (Supply)	65	69	5		X	X	Prefix w/zeros
M	Support (Maint)	70	74	5		X	X	Prefix w/zeros
1	Period To	75	78	4		X		

Table 2-5
DA Form 2406 (P record) Data Entry Instructions—Continued

3	Utilization Code	79	1	X	X	As shown except AC-0 numeric Enter P
	Record Code	80	1	X		

Notes:

¹ All data left justified unless otherwise indicated.

* Enter C in position 7 for corrected data.

Table 2-6
DA Form 2406 (R record) Data Entry Instructions

SOURCE DA Form 2406			Alpha R Record Position		No. of Posns	Data		R-JUST	Remarks
Block	Name of field	FR	To			Alpha	NUM		
7	Unit Ident Code	1	6	6		X	X		
10a	Sequence No.	8	10	3					
—	Numeric	8	9	2			X	X	
—	Alpha		10	1		X			
10b(1)	Noun Nomenclature	11	18	8		X	X		
10b(2)	Model	19	26	8		X	X		
10c	Registration or Serial Num- ber	27	36	10		X	X		
10d	Reason Non-Avail		37	1		X			
10e	Date Non-Avail	38	41	4			X		
10f(2)	Date to Supp Shop	42	45	4			X		
10g	Work Order or Requisition No.	46	56	11		X	X		
10h	Part NSN	57	69	13		X	X		
10h	Part Component or Subsys- tem/Remark	70	79	10		X	X		
—	Record Code		80	1		X	X		Enter R
	Correction		7	1			X	*	

Notes:

¹ All data left justified unless otherwise indicated.

* Enter C in position 7 for corrected data.

(1) Period of report. When more than one day is covered, put the Julian date of the first day in the 'FROM' space and the last day after 'TO'. The period of the monthly report is always 28-29-30-31 days. The period of the quarterly report submitted by USAR and ARNG units is always 90-91-92 days.

(2) Date Prepared. Enter the Julian date the report is completed.

(3) Utilization Code. Put in the Utilization Code from the list below. Use the code or codes for the parent unit making the report.

0--Active Components (except as otherwise listed).

4--Operational Readiness Float (ORF).

7--Army National Guard, except MATES.

8--Army National Guard (MATES).

A--Army Reserve units.

H--U.S. Army Intelligence and Security Command.

K--U.S. Army Training and Doctrine Command.

Q--Service schools.

W--National training centers.

Y--Army War Reserve Prepositioned Sets.

(4a) Page number. Put in the page number in sequence.

(4b) Number of pages. Put in the total number of the pages in the report. Do not put in this number until the report is done.

(5) To: Enter the complete name and address (with ZIP/APO code) of the parent unit.

(6) From: Enter the complete name and address (with ZIP/APO code) of the parent unit (no higher than battalion) making the report.

(7) Unit identification code. Put in the six-character (UIC) of the unit in block 6. This code always begins with a 'W.'

(8) MTOE/TDA number. Enter or leave blank. (Local option).

(9) Availability status (itemized). Includes columns a through e. Equipment goes in columns 9a through 9e in LIN order.

(9a) Seq. No. Each line is numbered. If only one model is onhand, a one line entry is needed. When more than one model of the same LIN is or was onhand during the report period, make a line entry for each model. Use the same basic sequence number with a letter after 1, 1A, 1B, etc; the same LIN will be used.

(9b(1)) Noun. Put in the noun abbreviation shown in appendix B, section I

(9b(2)) EOS code. For those items reported as a system, put in the EOS codes for the subsystems causing problems. Appendix B, section II, tells you which codes to use. EOS codes will be used for systems that fall below 90 percent FMC. If more than one subsystem causes problems, you may use up to 2 codes. EOS codes are described below:

Code and Description of problems

A--Computer

B--Shelter trailer, or van

C--Communication

D--NBC equipment

E--Environmental control

F--Missile

K--COMSEC

M--Prime mover

N--Other subsystem

P--External power source

S--Shoot

T--Maintenance equipment/shop equipment

W--Intelligence Electronic Warfare

Z--Shortage of subsystem

(9b(3)) Model. Enter the model number. Leave blank if the line is an authorized line with separate models below it. You must use the exact equipment model identification listed in appendix B, or on automated system files, that is, ULLS-G or IMCSRS. Leave blank if onhand quantity is zero. Note. For models listed in appendix B, match the model numbers exactly.

Figure 2-1. Completion instructions for DA Form 2406(RCS CSGLD-1042(R4))—Continued

(9c) ECC-LIN. List the ECC and LIN. The ECC is written first, followed by the LIN (app B), but list the equipment in LIN order.

(9d(1)) Authorized quantity. Put in the number of the items shown in column 9b(1) authorized on the unit MTOE/TDA. When more than one line shows models onhand, the authorization block for the 'onhand' line is blank. Remember to reduce the quantity when items are reported as subsystems. When an item is onhand, but not authorized, enter a zero in this block.

(9d(2)) Onhand quantity. Put in the number onhand and on the property book as of the 'TO' date in block 1. The day you actually got the equipment is considered a day onhand. The day the equipment is dropped from the property book, it is no longer 'onhand', and it will not be recorded 'onhand' that day. When an item is authorized, but not onhand, enter a zero in this block.

(9e(1)) Possible days. Enter the total number of equipment days the equipment was onhand during the report period. A single item or system onhand for one day is one equipment day. Only equipment that was onhand on the last day of the report period is included. You can get the date the item arrived from the property book office.

(9e(2)) Available days. Enter the total number of days the equipment was FMC. (Available days equal the possible days minus nonavailable days.) Each authorized subsystem in a system, listed in appendix B, section II, must be FMC and onhand for the system to be FMC. $\text{FMC percent} = \frac{\text{Total available days}}{\text{total possible days}} \times 100$.

(9e(3)(a)) Organizational maintenance. Put in the total number of days the equipment was NMC at (organization) ORG level for supply (NMCS) and maintenance (NMCM) during the report period. This is taken from the DD Form 314.

(9e(3)(b)) Support maintenance. Put in the total number of days the equipment was NMC at support level for supply (NMCS) and maintenance (NMCM) during the report period. This number is taken from the DD Form 314.

9f(1) through 9f(5). These columns are used as a worksheet for the unit status report. To understand the header names, see AR 220-1.

(10) Nonavailable status (Itemized). Complete as needed locally.

(11) Remarks. Use as needed to explain any entries on the form. For example, use this block to list: items turned in or issued during the report period, items short, substitute items, etc.

(12a) Signature. Commander or authenticating officer signs here.

(12b) Date. Enter the date the report is signed.

Figure 2-1. Completion instructions for DA Form 2406(RCS CSGLD-1042(R4))



11 ENTRY IN POSITION 7 INDICATES CORRECTION

UNIT IDENT CODE										MTDE/ TDA NUMBER										DATE										PERIOD FROM										PERIOD TO										0 RECORD									
SD PUC SUC T																																																											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50										

UNIT IDENT CODE										MODEL										ECC/LIN										NONAVAILABLE DAYS										P RECORD									
SD PUC SUC T																																																	
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UNIT IDENT CODE										MODEL										REG/ SERIAL NUMBER										DATE TO SUPT SHOP										WORK ORDER TO REQUISITION NUMBER										NSN OR PART NUMBER										PART NOUN COMPONENT OR SUBSYSTEM OR REMARK										R RECORD									
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50																														

Figure 2-3. DA Form 2406 Record Format.

Chapter 3 Aircraft Materiel Condition Status, Inventory, and Flying Time

3-1. General

The DA Form 1352 (Army Aircraft Inventory, Status, and Flying Time) provides DA and commanders at all levels with an accurate reporting of aircraft inventories, status, and flying time.

3-2. Reporting aircraft readiness

a. Reportable aircraft. Readiness information will be recorded on DA Form 1352-1 (Daily Aircraft Status Record) (fig 3-1) and reported on DA Form 1352 (Army Aircraft Inventory, Status, and Flying Time) (RCS CSGLD-1837(R2)) (fig 3-2). Tables 3-1 and 3-2 contain instructions for preparing DA Form 1352-1 and DA Form 1352 respectively, and paragraph 3-2g provides reporting procedures. The following aircraft will be reported:

(1) All Army aircraft and aircraft trainers at organizations and activities or in depot storage awaiting repair or overhaul.

(2) Aircraft on bailment, loan, or lease.

(3) Aircraft being repaired or overhauled under contract. The contractor will report according to instructions in this regulation. If a previously submitted DA Form 1352 report is changed, a corrected copy will be forwarded to Director, USAMC Logistics Support Activity (LOGSA) ATTN: AMXLS-RRS, Redstone Arsenal, AL 35898-7466.

b. Readiness information for Army aircraft. Readiness information for Army aircraft is reported as follows:

(1) Assignment of aircraft by mission-design-series (MDS) and serial number.

(2) Mission-capable status of aircraft to accomplish unit missions based on total weapon system readiness.

(3) Number of hours aircraft are flown during the report period.

(4) Logistic support problems causing aircraft to be other than FMC.

c. Goal of aircraft readiness. The objective of aircraft readiness is to achieve the aircraft materiel goals listed in table 3-3. A 75 percent FMC rate for aircraft equates to an Equipment Readiness (ES)/Fully Mission Capable rating of C-1 for AR 220-1. Unit commanders will maintain the highest aircraft operational readiness possible with available resources. The resource demands of individual meteorological data system (MDS) aircraft vary with such factors as the complexity, age, quantity, and overall logistical supportability of a given fleet. Individual aircraft readiness goals have been prescribed for each MDS based on required versus available resources necessary to achieve aircraft inherent availability. Commanders will make every effort to attain aircraft readiness goals through effective supply and maintenance management and efficient use of manpower and available resources. Aircraft readiness is the primary mission of all aviation maintenance and logistical support personnel. MACOMs will review information for appropriate MACOM action. Should assistance be required beyond the MACOM, a consolidated message will be forwarded to Commander, U.S. Army Aviation and Missile Command (AMCOM), ATTN: ANSAM-MMC-RE-SA, Redstone Arsenal, AL 35898-5180. AMCOM will review NMC causes and initiate appropriate action.

d. Aircraft status. Commanders of units and activities with aircraft will maintain daily aircraft status and hours flown on DA Form 1352-1 and submit this information on DA Form 1352 monthly to: Director, USAMC Logistics Support Activity (LOGSA) ATTN: AMXLS-RRS, Redstone Arsenal, AL 35898-7466. Commanders will review and analyze DA Form 1352 and DA Form 1352-1 to ensure that accurate reporting is being accomplished. Tables 3-4 through 3-13 contain information such as designators, codes, and symbols for completing DA Form 1352 and DA Form 1352-1.

e. Use of reported information.

(1) Information collected will be used to provide data for the following reports:

(a) Army Aircraft Inventory, Status, and Flying Time Report.

(b) Army Aircraft Status Report.

(c) Program Manager Overview

(d) Unit Status Report (AR 220-1).

(2) Distribution requirements for the consolidated reports, or derivations thereof, will be forwarded to: Director, USAMC Logistics Support Activity, ATTN: AMXLS-RRS, Redstone Arsenal, AL 35898-7466. Requirements for separate reports for which this report will provide feeder data will be assigned control symbols according to AR 335-15.

f. Excluded data. Summary data completed by LOGSA to compute world wide MC, FMC, PMC, NMCS, and NMCM rates will exclude aircraft reported with functional and assignment codes: D1IA, D2IA, D3IA, D4IA, D5IA, D6IA, EIE, GIE, HIN, JIO, K inclusive, MGD, MGH, NGD, NGH, NIP, S1, S2, S3, S4, S5, and S6. These codes are normally reserved for aircraft belonging to training bases and AMCOM depot, OLR, and production facilities, storage, bailed/loaned/leased, and repair cycle float. These codes also reflect aircraft not assigned to MTOE organizations.

g. Reporting procedures.

(1) Organizations and activities having responsibility for reporting aircraft will:

(a) Record daily aircraft status and flying time on DA Form 1352-1.

(b) When aircraft are transferred from one unit to another or to a depot during the reporting period, the gaining unit or depot will prepare a DA Form 1352 for the entire reporting period. The losing unit will report the aircraft on a DA Form 1352 as a loss, with a note under Commander's Statement/Aircraft Changes on the back of the DA Form 1352 indicating the gaining organization. The losing unit will provide separate data from DA Form 1352-1 on aircraft transferred to the gaining organization or activity for that portion of the report period for which they had the aircraft.

(c) For loss other than transfer report that portion of the report period that the aircraft was onhand before loss through salvage or other means.

(d) At the end of the report period, consolidate data on DA Forms 1352-1 for each aircraft owned; complete DA Form 1352 for the entire report period. Recording of MC and NMC time on DA 1352-1 will be rounded to the nearest hour (.1 to .4 equals 0 hours, .5 to .9 equals one hour). The monthly reporting period is from the 16th of each month through the 15th of the following month. A separate DA Form 1352 will be submitted by each battalion, separate company, or detachment with aircraft assigned. Operational readiness float (ORF) aircraft with assignment Code M (table 3-5) will be reported on a separate DA Form 1352 by those units authorized ORF.

(e) Mail original copy of DA Form 1352 or send consolidated reports on 3 1/2 or 5 1/4 inch floppy disk for aircraft and flight simulators directly to , Director, USAMC Logistics Support Activity, ATTN: AMXLS-RRS, Redstone Arsenal, AL 35898-7466 to arrive not later than the 1st day of the month following the report period. Army National Guard units will send original reports directly to NGB for consolidation. NGB will forward reports to LOGSA. Additionally, all respondents provide an information hard copy to Commander, U.S. Army Aviation and Missile Command (AMCOM), ATTN: ANSAM-MMC-RE-SA, Redstone Arsenal, AL 35898-5180. When a previously submitted DA Form 1352 is changed, a corrected copy (labeled "CORRECTED COPY" at the top of each page) will be forwarded to each activity: LOGSA, and ATCOM.

(f) DA Form 1352 reports electronically transmitted via DDN or e-mail will be provided to LOGSA not later than the 1st day of the month following the end of the report period. The message address for submission via DDN to LOGSA is: RUQAEHR/DIRLOGSA RIDB-DATA REDSTONE ARSENAL AL//AMXLS-RRS//. The Routing Identifier Code (RIC) "RUQAEHR" has been established specifically for submission of aircraft data. The Language Media Format (LMF) is "CC" (card to card). Content Indicator Code (CIC) is "AHBE" (Department of Army Logistics Management Reports). The address for submission of reports via e-mail to LOGSA is:

airdata@logsa-emh2.army.mil. Reports provided through other electronic means will be approved by LOGSA and agreed upon through a memorandum of agreement with the MACOM.

(2) When aircraft are away from home station at the end of a report period, the unit commander will ensure that the pilot-in-command reports required information to the unit's maintenance operations. The owning unit will report the aircraft on the DA Form 1352. The fact that aircraft are away from home station does not preclude the owning unit from reporting DA Form 1352 data.

(3) Support maintenance units or activities will provide feeder data to owning organizations and activities, as required, for those aircraft and components being repaired above the unit level. This data may be provided via DA Form 1352-1, DA Form 2407, or a locally standardized form. Depot facilities and aircraft modification sites in possession of aircraft for repair/modification and return to the units will:

(a) Provide feeder data to the owning unit not later than the 15th of each month if aircraft are still undergoing, or awaiting repair and modification on that date.

(b) Provide feeder data upon return of the aircraft to the owning unit to cover the time the depot/repair facility had responsibility for the aircraft during the report period (for example, 17 Jun to 1 Jul 95).

(c) Use the functional and assignment code applicable to that aircraft. In most cases, codes NGD, NGH, and NIP are applicable.

h. Review of DA Form 1352.

(1) Preparing organizations will review DA Form 1352 and ensure that:

(a) All accountable aircraft, as of the end of the report period, are reported properly.

(b) Data submitted are accurate, complete, and that the UIC is correct.

(c) Column 10d shows the total number of hours onhand for aircraft during the report period and equals the sum of columns 10e, f, g, h, i, and j. Depot maintenance time, column 10h will be counted as hours-on-hand except for those function assignment codes stated in paragraph 3-2f.

(d) PMC and NMC deficiencies are properly identified.

(e) All non-standard aircraft emergency airworthiness directives are applied.

(f) FMC, PMC, and NMC ratios are computed correctly in accordance with figures 3-3 and 3-4.

(g) Only entries authorized by this regulation will appear on the front side.

(h) Unused columns will be left blank.

(2) MACOMs and agencies (including NGB) will review reports and ensure that—

(a) All assigned aircraft are accounted for.

(b) Reports contain all required data.

(c) Emergency airworthiness directives have been applied to non-standard aircraft.

(d) Reported aviation logistics problems for each MDS aircraft are investigated and appropriate action taken.

(e) FMC, PMC, NMCS, NMCM rates and commander's comments are analyzed and acted on as appropriate.

(3) AMCOM will analyze reports and prepare summary data reports. Technical data files will be maintained for the identification and correction of aviation logistics problems. Specific records will be maintained by MDS on high cost of repair, low reliability, and failures that adversely affect aviation system readiness.

i. Disposition of DA Forms 1352 and 1352-1. File copies of DA Form 1352-1 will be attached to DA Form 1352 for the same reporting period and retained on file for 1 year, or longer if needed locally. File copies will be maintained at the parent unit level that prepares the DA Form 1352 reports, separate company or detachment, battalion or separate brigade.

Table 3-1

Instructions for preparing DA Form 1352-1

Block: Organization

Instructions: Enter complete name of the preparing organization. Subunits of divisions will enter the division designation in parentheses after the name.

Block: Unit identification code

Instructions: Enter UIC, such as WXYZAA.

Block: Post, camp, or station

Instructions: Use mailing address, for example, APO San Francisco 96558.

Block: Month

Instructions: Self-explanatory.

Block: Year

Instructions: Self-explanatory.

Block: Serial Number.

Instructions: Give complete serial number of the aircraft being reported.

Block: Mission Design Series (MDS)

Instructions: Complete MDS of each aircraft, for example: UH-60L; for flight simulators list manufacturer's name and model number.

Block: Assignment and Functional Code

Instructions: This combination code describes the assignment and use of the aircraft, (See table 3-5 for codes.) Report all aircraft awaiting depot maintenance contract/contact team, disposition instructions, or release from accident investigation using applicable assignment and functional code of the owning unit of the aircraft from table 3-5. Report depot maintenance being performed by a supporting aviation intermediate maintenance unit (AVIM), with authority from AMCOM, using the assignment and functional code of the owning unit.

Block: FMC

Instructions: Each day enter the total number of hours during which the aircraft could perform all those missions prescribed for the aircraft's owning unit. For flight simulators, enter the total contract hours the simulator is capable of performing all training maneuvers.

Block: PMC

Instructions: Each day enter the total number of hours the aircraft could perform one or more, but not all, of the missions prescribed for the aircraft's owning unit because the required equipment in tables 3-12 or 3-13 was inoperative for maintenance or supply reasons: Aircraft will be reported PMC only for those items that affect accomplishment of the primary mission(s) and mode(s) of operation of the owning unit. Enter separate codes for each PMC condition followed by total hours the condition existed.

Block: PMC-S

Instructions: Each day enter the total number of hours the aircraft was PMC due to supply. PMC-S will start when all fault isolation and troubleshooting is complete and a PMC condition exists because of the lack of repair parts or replacement components, and a supply request is not filled within 1 hour. Enter separate PMC codes for each PMC-S condition followed by the total hours the condition was attributable to supply. PMC codes for designated aircraft subsystems are contained in table 3-12.

Block: PMC-M

Instructions: Each day enter the total number of hours the aircraft was PMC due to maintenance. PMC-M will start when a malfunction or subsystem deficiency is discovered or at mission completion, whichever is later. Fault isolation and troubleshooting time related to a PMC condition will be reported as PMC-M. Enter separate PMC codes for each PMC-M condition followed by the total hours the condition was attributable to maintenance. PMC codes for designated aircraft subsystems are contained in table 3-12.

Block: NMCS

Instructions: Each day enter the total number of hours the aircraft was NMC due to supply only. NMCS time will start when work stops because of lack of parts and the NMCS supply request is not filled within 1 hour.

Table 3-1
Instructions for preparing DA Form 1352-1—Continued

Work stoppage because of lack of parts is defined to be a condition where all other 'Red X' conditions unrelated to the requested part have been corrected. NMCS time will stop when the required part is delivered to the requesting activity, taken from another aircraft, or another correctable 'Red X' condition is identified on the aircraft for which parts are available. This does not apply to aircraft at depot activities on supply account under other assignment and functional codes from table 3-5: for example, S-1, serviceable storage; S-3, in transit. (See notes 4 and 5.) However, NMCS does apply to aircraft in depot repair and return or modification programs.

Block: NMCM

Instructions: Each day enter the total number of hours that the aircraft was NMC due to maintenance only, for example, depot, AVIM, or aviation unit maintenance (AVUM). (This is the level of maintenance being performed, not the level performing the maintenance.) NMCM time will start when a grounding condition or malfunction, 'Red X', is discovered or at mission completion, whichever is later. NMCM time will stop when the fault(s) have been corrected and the maintenance operational check (MOC) completed or the requirements for reporting NMCS have been met. (See notes: 2, 4, and 5.)

Block: Flying hours

Instructions: Each day enter total time the aircraft flew. (See note 4.)

Block: Landings/TD autorotation

Instructions: Each day enter the total number of landings/touchdown(TD) autorotations the aircraft performed.

Notes:

¹ Panels, cowling, and inspection plates may be removed from MC aircraft to facilitate visual inspection and cleaning without recording NMC time on the aircraft. The intent here is to facilitate the performance of recognized preventive maintenance actions. It applies to conditions where removed panels, cowlings, and inspection plates can be reinstalled and the aircraft made ready for missions within 2 hours of initial notification or no later than the close of the working day, whichever occurs first. If during the performance of visual inspections and cleaning, a fault is discovered that renders the aircraft NMC, NMC time will commence at the time the fault is discovered.

² Aircraft will be reported NMCM until completion of MOC. If an NMC fault is discovered during or after a maintenance test flight conducted in accordance with TM 1-1500-328-23, NMC time will commence again as appropriate. If the maintenance test flight is not completed within 60 hours (84 hours for Reserve Component units on official compressed work schedule, e.g. 10hrs per day/4 days per week) after the MOC is performed, NMCM time will commence again unless weather restrictions prevented the test flight. (Another exception to the 60 hour timeframe would be those areas where noise abatement exists for Saturdays, Sundays, host country holidays, etc. In such areas, if the maintenance test flight is not completed within 2 working days after the MOC is performed, the NMCM time will commence again unless weather restrictions prevented the test flight.)

³ DA Form 1352-I will be maintained on each aircraft in accordance with this table. Source data for completing the DA Form 1352-I can be obtained from the DA Forms 2408-I2 (Army Aviator's Flight Record) and 2408-I3 (Aircraft Inspection and Maintenance Record).

⁴ Use a diagonal to separate daily hours and cumulative hours. Enter hours for the reporting day to the left and cumulative hours for the report period to the right (for example, 24/72).

⁵ Aircraft disassembled for deployment and in transit to their destination will be reported mission capable (FMC or PMC as appropriate) provided the only 'Red X' conditions that exist on the aircraft are the result of published disassembly/shipping instructions. The aircraft will continue to be reported based on its status at embarkation during required assembly, MOC's and test flight at the destination, unless an NMC fault is discovered during this process.

⁶ Aircraft disassembled for storage during inclement weather will be reported mission capable (FMC or PMC as appropriate) provided the only 'Red X' conditions that exist on the aircraft are the result of published disassembly instructions. The aircraft will continue to be reported based on its status at disassembly, during required assembly, MOC's and test flight, after weather conditions improve, unless an nmc fault is discovered during this process.

Table 3-2
Instructions for preparing DA Form 1352

Block: 1

Instructions: Enter last day of the report period (15th), the month, and the year.

Block: 2,3

Instructions: Self-explanatory.

Block: 4

Instructions: Enter the name of the preparing organization or activity. Divisional units will enter the parent division designation in parentheses. RC units will enter the unit designation followed by USAR or ARNG.

Block: 5

Instructions: Enter DSN number and extension, and commercial number(include area code) (for example, DSN 367-6787 ext 351, (404)669-6787).

Block: 6

Instructions: Enter reporting unit/activity UIC. If the UIC changed from the previous report, the old UIC must follow (for example, WOU902/P-WOXBAA).

Block: 7

Instructions: Leave blank.

Block: 8

Instructions: Use mailing address (for example, APO San Francisco 96558).

Block: 9

Instructions: Enter the applicable command (for example, MDW, FORSCOM, TRADOC, AMC, major overseas commands, or HQDA agency).

Block: 10

Instructions: Summary data.

Block: 10a

Instructions: Mission Design Series. Enter the MDS in alphabetical sequence (for example, AH-64A, OH-58D, UH-60A).

Block: 10b

Instructions: Serial number. Enter the complete serial number of each aircraft IAW 738-751, paragraph 1-6a(6). Enter serial numbers for each MDS in ascending year-group order.

Block: 10c

Instructions: Assignment and functional code.

a. To distinguish aircraft functional category on the last day of the report period see table 3-5. If changed during the report period, enter previous code and hours assigned that code on reverse of form.

b. Report all aircraft awaiting depot maintenance contract/contact team, disposition instructions, or release from accident investigation board using the owning organization's assignment and functional code from table 3-5. Report depot maintenance being performed by a supporting AVIM, with authority from AMCOM, using the assignment and functional code of the owning unit.

Block: 10d

Instructions: Hours onhand during report period. Enter total number of hours onhand during the report period. (For aircraft, total hours onhand equals number of days times 24). Hours must always equal the sum of columns 10e, f, g, h, i, and j.

Block: 10e

Instructions: FMC (MC). Enter total number of hours the aircraft was FMC during the report period.

Block: 10f

Instructions: Aircraft will be reported PMC for those items that affect accomplishment of the primary mission(s) and mode(s) of operations of the owning unit. Enter separate codes for the PMC-S or PMC-M condition which contributed the largest amount of PMC-S or PMC-M time followed by the total number of hours in each category. The sum of PMC-S and PMC-M time will equal the total number of PMC hours. The PMC code only (no hours) for the second most significant contributor to PMC-

Table 3-2
Instructions for preparing DA Form 1352—Continued

S and PMC-M time may be reported on the next available line of the DA form 1352.

Block: 10g

Instructions: NMCS (NMC). Enter total number of hours aircraft was NMCS during the report period. Commander's comments are required by MDS and SN if aircraft NMCS exceeds 10 percent.

Block: 10h

Instructions: Depot (NMC). Enter total number of hours aircraft was NMC for depot maintenance being performed during the report period. Enter the hours that the aircraft were awaiting disposition instructions, depot maintenance contact team, or release from accident investigation board in this column. For aircraft not reporting under assignment code N or S5 on the 15th of the month, explain depot time on the reverse of form by MDS and SN.

Block: 10i

Instructions: AVIM (NMC). Enter the total number of hours the aircraft was NMC for AVIM maintenance being performed during the report period.

Block: 10j

Instructions: AVUM (NMC). Enter the total number of hours the aircraft was NMC for AVUM being performed during the report period.

Block: 10k

Instructions: Hours flown during month. Enter the total number of hours the aircraft flew during the report period, rounded to the nearest full hour.

Block: 10l

Instructions: Numbers of landings/touchdown autorotations. Enter the total number of landings/touchdown autorotations during the report period for each aircraft. Enter total landings to the left of the slash and touchdown autorotations to the right of the slash.

Block: 10m

Instructions: Gained or lost.

a. Gains. Enter 'G' for each aircraft gained by the reporting organization followed by the appropriate code in table 3-11. When initially reporting aircraft gained through new production, indicate in the commander's statement the acceptance date by serial number. For each aircraft gained from another DA unit during the report period, the gaining unit will report the required data on the aircraft for the entire reporting period. The losing unit is required to provide this data to the gaining unit.

b. Losses. Enter 'L' for aircraft losses through transfer, salvage, or phase out of the Army system followed by the applicable code in table 3-11. When disposed of at a location other than that of the MACOM in whose area the aircraft was assigned, enter the MACOM or location of disposition. For aircraft transferred to another DA unit during the report period, the losing unit will fill out blocks 10a, b, and m, and the back of the DA Form 1352. For all other loss codes listed in table 3-11, the losing unit will report the required aircraft data for the number of days the aircraft

Table 3-2
Instructions for preparing DA Form 1352—Continued

was onhand during the report period. The back of the DA Form 1352 will reflect the gaining unit.

Notes:

¹ Commander's statement on reverse of DA Form 1352. Commanders will comment on any aviation logistics problem in their unit; for example, personnel, training, repair parts, facilities, and equipment. Refer to figure 3-4 for Commander's Statement format. Comments are required for the following conditions:

a. FMC goal for individual aircraft MDS is not met (explain as NMCM, NMCS, PMC or in all areas).

b. NMCS requisitions over 30 days old will be reported by MDS and SN. Include Department of Defense Activity Address Code (DODAAC), document number, NSN, nomenclature, latest status, and national inventory control point (NICP). Include requisitions for partial mission capable (PMC) conditions.

c. PMC. Comments are required in paragraph 3 of commander's statement on backs side of DA Form 1352 for all PMC time.

d. Controlled substitution, cannibalization IAW AR 750-1. Parts may be removed from an NMC aircraft to make another aircraft MC. Enter NSN of the part (or part number if no NSN is assigned), MDS and SN of the aircraft from which the part is removed and the MDS and SN of the aircraft on which the part is reinstalled. To ensure that total controlled exchange manhours are captured, indicate the total number of manhours used for preparation of removal, actual removal, inspection, and installation of the part under the 'remarks' column.

e. Aircraft is awaiting disposition instructions from AMCOM to undergo depot maintenance (to include depot maintenance contract/contact team), or aircraft is awaiting release from accident investigation board.

f. Depot level maintenance is being performed, or an MWO, including applications is being applied. Enter MWO short title and number.

g. Emergency airworthiness directives were applied to nonstandard aircraft during this report period.

h. For simulators. Bench repair time was incurred for subcomponent of the simulator. List total manhours expended on each item/subcomponent for bench repair time.

i. Aircraft assignment and functional codes are changed during the report period, enter the previous code and number of hours it was assigned.

² At the end of the reporting period (para 3-2g, prepare DA Form 1352 using the data from the daily reports (DA Form 1352-I).

Table 3-3
Aircraft FMC and MC goals

AIRCRAFT:	C12	RC12	OV1D	RV1	U21	UV18A
MC:	80	80	75	75	75	70
FMC:	80	70	70	70	70	65
NMCS:	10	10	10	10	10	10
NMCM:	10	10	15	15	15	20

AIRCRAFT:	AH1	AH64	CH47D	OH6	OH58D	EH60A
MC:	75	75	75	75	75	75
FMC:	70	70	70	70	70	70
NMCS:	10	10	10	10	10	10
NMCS:	15	15	15	15	15	15

AIRCRAFT:	OH58A	OH58C	UH1H	UH1V	UH60A	UH60L
MC:	80	80	80	80	80	80
FMC:	75	75	75	75	75	75
NMCS:	10	10	10	10	10	10
NMCM:	10	10	10	10	10	10

AIRCRAFT:	TH67A	MH60K	MH47E
MC:	80	75	75
FMC:	75	70	70
NMCS:	10	10	10
NMCM:	10	15	15

Notes:

¹ Commanders should strive to attain a minimum of 75 percent FMC required for a unit status report (USR) ES /FMC rating of C-1 regardless of type aircraft. The aircraft materiel goals prescribed for each MDS consider required versus available resources and recognize the fact that some MDS aircraft are not resourced to attain the 75 percent FMC objective for a USR rating of C-1. The materiel readiness goals for these MDS are established to reflect their resourced level of a C-2 USR rating.

² The goals prescribed above apply worldwide unless different goals are approved by HQDA (DALO-SMV). Goals for aircraft maintained by civilian contract

Table 3-3
Aircraft FMC and MC goals—Continued

sponsible for the contract. All figures are expressed in percents.

³ This table will be considered as authority for submission of NMCS requisitions for those items that are required to correct a PMC condition.

Table 3-4
Aircraft missions

Aircraft: C-12 Series

Missions: Transportation of passengers/cargo under instrument meteorological conditions (IMC), day and night, into high density air traffic control zones, combat zones, flights into known icing weather conditions, and at altitudes requiring cabin pressurization.

Aircraft: OV-1D

Missions: IR reconnaissance missions using the IR sensor, SLAR, photographic missions, visual reconnaissance, and observation in combat zones. Note. Submit the Counting Accelerometer Reading Report in the same report period as the DA Form 1352. Any increase above 2.5g must describe the maneuver performed. This information is essential in tracking aircraft fatigue life and scheduling airframes for overhaul and wing enhancements. Hardcopy Accelerometer Reading Reports should be submitted to: Commander, U.S. Army Aviation and Missile Command, ATTN: ANSAM-MMC--RE-SA, Huntsville, AL 35898-5180.

Aircraft: U-21 Series

Missions: Transports personnel cargo, and equipment; used for medical evacuation and utility services in combat zones.

Aircraft: EH-60A

Missions: Used for airborne intercept, jamming, and direction finding (DF).

Aircraft: OH-6A; OH-58 Series

Missions: Used for visual observation, target acquisition, reconnaissance, command and control, and aeroscout for attack helicopters.

Aircraft: TH-67A

Missions: Initial entry rotary primary and instrument training.

Aircraft: UH-1H

Missions: Transports personnel, cargo and equipment, command and control, and medical evacuation and air ambulance under visual meteorological conditions (VMC) or instrument meteorological conditions (IMC).

Aircraft: UH-1V

Missions: Medical evacuation and air ambulance under visual meteorological conditions (VMC) and instrument meteorological conditions (IMC).

Aircraft: UH-60 Series

Missions: Transports personnel, cargo and equipment, medical evacuation, and performs air ambulance service under VMC and IMC conditions. External transport of cargo and equipment and aircraft recovery.

Aircraft: MH-60K

Missions: Primarily employed for long range insertion, extraction, and resupply of Army, Navy, and Air Force Special Operations Forces and equipment. Employed in counter-terrorism actions, strategic intelligence strikes, tactical reconnaissance, infiltration, removal, resupply, and interdiction operations during night, day, in adverse weather, and under limited visibility conditions.

Aircraft: RC-12 Series

Missions: Used for communications intelligence collection, DF, and radio relay/security monitoring in combat zones.

Aircraft: RV-1D

Missions: Used for electronic noncommunications emitter location and identification in combat zones. Note. Submit the Counting Accelerometer Reading Report in the same report period as the DA Form 1352. Any increase above 2.5g must describe the maneuver

Table 3-4
Aircraft missions—Continued

performed. This information is essential in tracking aircraft fatigue life and scheduling airframes for overhaul and wing enhancement. Submit hardcopy Accelerometer Reading Reports to Commander, U.S. Army Aviation and Missile Command, ATTN:ANSAM-MMC-RE-SA, Huntsville, AL 35898-5180.

Aircraft: AH 1S; AH-1E, AH-1F, AH-1P

Missions: Anti-armor platform for the tube-launched, optically tracked wire-guided (TOW) anti-tank missile, target search and acquisition, aerial fire support, reconnaissance, and troop helicopter escort in combat zones.

Aircraft: CH-47 D

Missions: Transports cargo, troops, and equipment internally under VMC and IMC conditions. External transport of cargo and equipment and aircraft recovery.

Aircraft: MH-47E

Missions: Primarily employed for long range insertion, extraction, and resupply of Army, Navy, and Air Force Special Operations Forces and equipment. Employed in counter-terrorism actions, strategic intelligence strikes, tactical reconnaissance, infiltration, removal, resupply, and interdiction operations during night, day, in adverse weather, and under limited visibility conditions.

Aircraft: AH-64 Series

Missions: Provides scouting and direct and indirect aerial fire during day, night and limited visibility operations. It will attack enemy tanks, other armored vehicles, deployed troop formations (both mounted and dismounted), assembly areas, command posts, and forward logistics complexes. Engages in air cavalry operations attacking targets of opportunity. Provides helicopter escort in combat zones.

Aircraft: OH-58D, OH-58D Armed

Missions: Day/night visual observation, reconnaissance, target acquisition using the mast mounted sight's (MMS) television (TV) or thermal imaging system (TIS) sensors. Target ranging and designation via MMS laser for laser guided weapons, airborne target handover system (ATHS) for target handoffs via digital data burst. Kiowa Warrior adds armed reconnaissance and direct and indirect aerial fire under day/night and adverse weather conditions. Provides helicopter escort in combat zones and operations other than war (OOTW).

Aircraft: UV-18A

Missions: Transport personnel, cargo and equipment to remote sights throughout western and northern Alaska on a year round basis.

Notes:

¹ Aircrew training is a mission for all aircraft.

Table 3-5
Assignment and Functional Codes

Assignment Code: A—Combat Aircraft

Functional Code: GA—Combat mission (Active Army)

Definition of Mission: TOE aircraft assigned to Active Army divisions; armored cavalry units; separate infantry, airborne, mechanized, armor, artillery and aviation brigades, groups, battalions, and companies; and separate aerial exploitation and surveillance companies and battalions.

Assignment Code: A—Combat aircraft

Functional Code: GE—Combat mission (RC)

Definition of Mission: TOE aircraft assigned to ARNG and USAR divisions; armored cavalry units, separate infantry, airborne, mechanized, armored, aviation, and artillery brigades, groups, battalions and companies; and separate aerial exploitation and surveillance companies and battalions.

Assignment Code: B—Combat support aircraft

Functional Code: GC—Direct combat support (Active Army)

Definition of Mission: Aircraft not classified for combat mission, direct combat training, or tactical operations. This includes TOE aircraft and aircraft currently assigned TDA units. In wartime, aircraft would have

Table 3-5
Assignment and Functional Codes—Continued

missions of photomapping, signal intelligence, aerial surveillance, electronic intelligence, air rescue, command control, and logistical support.

Assignment Code: B—Combat support aircraft

Functional Code: GG—Direct combat support (RC)

Definition of Mission: Aircraft assigned to USAR and ARNG operational organizations and units that support combat or tactical operations. This includes TOE aircraft not classified as combat mission or direct combat training and aircraft currently assigned TDA units. In wartime, aircraft would have the mission of photomapping, air rescue, command control, and logistical support.

Assignment Code: C—Indirect support

Functional Code: IG—Photographic survey

Definition of Mission: Aircraft assigned to TDA units to support photographic and survey activities.

Assignment Code: C—Indirect support

Functional Code: IH—aeromedical

Definition of Mission: Aircraft other than those assigned to TOE medical evacuation and air ambulance units assigned to support air medical activities.

Assignment Code: C—Indirect support

Functional Code: IJ—Intelligence and classified projects

Definition of Mission: Aircraft assigned to TDA units to support intelligence and classified projects.

Assignment Code: C—Indirect support

Functional Code: IK—Attaches, missions, and MAAG

Definition of Mission: TDA aircraft assigned to support attache, mission, and military assistance advisory group (MAAG) activities.

Assignment Code: C—Indirect support

Functional Code: IL—Special missions

Definition of Mission: Aircraft assigned to support special purpose missions that are not covered in other functional categories. Remarks section(reverse) of DA Form 1352 will contain description title of the mission for which the aircraft is assigned.

Assignment Code: C—Indirect support

Functional Code: IM—Operational support airlift (Active Army)

Definition of Mission: Aircraft designated to support administrative, executive, and inspection functions. Aircraft has the mission of unscheduled administrative airlift of personnel and materiel to support posts, camps, and stations.

Assignment Code: C—Indirect support

Functional Code: IN—Operational support airlift (RC)

Definition of Mission: Aircraft assigned to support command, administrative, and inspection functions. Aircraft has mission of administrative airlift of personnel and materiel to coordinate, conduct, and control maneuvers, field training exercises, and combat post exercises.

Assignment Code: D1—Training

Functional Code: IA—Flight and training support

Definition of Mission: Aircraft used in formal training courses includes aircraft used for methods of instruction courses for instructor pilots engaged in flight training. Also includes unit-level aviator transition training when authorized or directed by HQDA to meet worldwide requirements.

Assignment Code: D2—Training

Functional Code: IA—Technical operations and maintenance training

Definition of Mission: Aircraft used in the formal conduct of MOS producing programs of instruction on aviation operations and aircraft maintenance. Includes aviation electronics and ancillary equipment.

Assignment Code: D3—Training

Functional Code: IA—Training support

Definition of Mission: Aircraft used to support service school programs of instruction in non-aviation MOS producing courses and in officer functional career courses.

Assignment Code: D4—Training

Functional Code: IA—Category A maintenance trainers

Table 3-5
Assignment and Functional Codes—Continued

Definition of Mission: Aircraft used for ground instruction technical training. They are, or can be, economically returned to flyable status with little maintenance and modification. See paragraph 3-2f for exclusions.

Assignment Code: D5—training

Functional Code: IA—Category B maintenance trainers

Definition of Mission: Aircraft used for ground instruction or technical training. They are permanently grounded but are capable of ground operations with all systems functioning. (Note: summary data, columns 10-d through m, DA form 1352, will not be included.)

Assignment Code: D6—Training

Functional Code: IA—Category C maintenance trainers

Definition of Mission: Aircraft used for ground instruction technical training. They are permanently grounded and systems are not capable of ground operation. (Note: Summary data, columns 10-d through m, DA Form 1352 will not be included.)

Assignment Code: D8—Training

Functional Code: IA—Flight Simulator trainers

Definition of Mission: The 2B24, 2B31, 2B33, and similar type trainers will be the only flight simulators reported on DA Form 1352.

Assignment Code: E—Test aircraft

Functional Code: IE—Aircraft assigned for testing and evaluation or its components

Definition of Mission: (See para 3-2f.)

Assignment Code: G—Test support aircraft

Functional Code: IE—Aircraft assigned programs by actual participation

Definition of Mission: Includes pace, chase, target, range calibration and clearance, geophysics research, cloud sampling, and capsule recovery. They are also used for research, development, and test of equipment that requires airborne platforms.

Assignment Code: H—Bailment aircraft

Functional Code: IN—Aircraft assigned to a contractor for any purpose

Definition of Mission: NA

Assignment Code: J—Loaned aircraft

Functional Code: IO—Aircraft loan to non-military activities for non-military tests, missions, or other projects.

Definition of Mission: On loan or lease to commercial airlines or on to Federal, State, and local government agencies.

Assignment Code: K—New aircraft awaiting delivery

Functional Code: GD—New aircraft awaiting delivery (Active Army)

Definition of Mission: NA

Assignment Code: K—New aircraft awaiting delivery

Functional Code: GH—New aircraft awaiting delivery (RC)

Definition of Mission: NA

Assignment Code: K—New aircraft awaiting delivery

Functional Code: IP—New aircraft awaiting delivery (indirect support)

Definition of Mission: NA

Assignment Code: M—Maintenance float

Functional Code: GD—Maintenance float (Active Army)

Definition of Mission: NA

Assignment Code: M—Maintenance float

Functional Code: GH—Maintenance float (RC)

Definition of Mission: NA

Assignment Code: M—Maintenance float

Functional Code: IP—Maintenance float (indirect float)

Definition of Mission: NA

Assignment Code: N—Aircraft awaiting or undergoing depot maintenance

Functional Code: GD—Aircraft awaiting or undergoing depot or contract maintenance (Active Army)

Definition of Mission: See para 3-2a(3)

Assignment Code: N—Aircraft awaiting or undergoing depot maintenance

Table 3-5
Assignment and Functional Codes—Continued

Functional Code: GH—Aircraft awaiting or undergoing depot or contract maintenance (RC) Definition of Mission: (See para 3-2a(3))
Assignment Code: N—Aircraft awaiting or undergoing depot maintenance Functional Code: IP—Aircraft awaiting or undergoing depot or contract maintenance (indirect support) Definition of Mission: (See para 3-2a(3))
Assignment Code: N—Aircraft awaiting or undergoing depot maintenance Functional Code: XX—Non-flying aircraft undergoing depot level repair provided by designated facilities according to a negotiated Memorandum of Understanding. Definition of Mission: NA
Assignment Code: S1—Servicable storage Functional Code: GD—Serviceable storage (Active Army) Definition of Mission: Aircraft that are serviceable, other than K and M, and awaiting storage delivery or pickup.
Assignment Code: S1—Servicable storage Functional Code: GH—Serviceable storage (RC) Definition of Mission: NA
Assignment Code: S1—Servicable Storage Functional Code: IP—Serviceable storage (indirect support) Definition of Mission: NA
Assignment Code: S2—Theater reserve Functional Code: GD—Theater reserve (Active Army) Definition of Mission: NA
Assignment Code: S2—Theater reserve Functional Code: GH—Theater reserve (RC) Definition of Mission: NA
Assignment Code: S2—Theater reserve Functional Code: IP—Theater reserve (indirect support) Definition of Mission: NA
Assignment Code: S3—Intransit Functional Code: GD—Intransit (Active Army) Definition of Mission: Only depot and AMCOM will use this code to report aircraft being transferred to or from overseas.
Assignment Code: S3—Intransit Functional Code: GH—Intransit (RC) Definition of Mission: NA
Assignment Code: S3—Intransit Functional Code: IP—Intransit (indirect support) Definition of Mission: NA
Assignment Code: S4—Aircraft in storage Functional Code: None Definition of Mission: NA
Assignment Code: S5—Awaiting disposition Functional Code: GD—Awaiting disposition (Active Army) Definition of Mission: Aircraft that have crashed or are otherwise unserviceable and awaiting inspection and disposition instructions. This includes aircraft below depot maintenance level.
Assignment Code: S5—Awaiting disposition Functional Code: GH—Awaiting disposition (RC) Definition of Mission: NA
Assignment Code: S5—Awaiting disposition Functional Code: IP—Awaiting disposition (indirect support) Definition of Mission: NA
Assignment Code: S6—Awaiting disposal (salvage) Functional Code: None Definition of Mission: NA

Table 3-6
Aeronautical designation prefix symbols

Symbols: Status prefix symbol
Explanation of Symbols: The symbol (letter), if applicable, indicates an aerospace vehicle that is not standard because of test, instrumentation, modification, experimental, or prototype design. For aircraft, the symbol will be placed at the immediate left of the modified mission symbol or the basic mission symbol in the absence of the former. Table 3-7, Aerospace Vehicle Space Designators, contains the authorized status prefix symbols.

Symbols: Basic mission and type symbols (aircraft)
Explanation of Symbols: The basic mission symbol (letter) denotes the primary function or capability of an aircraft. These symbols denote the mission and type of aircraft other than fixed wing. An aircraft identified by a type of symbol such as 'H' for helicopter will be further identified by either a mission symbol or modified mission symbol but not both. Table 3-9 contains the authorized basic mission and type symbols.

Symbols: Design number
Explanation of Symbols: This denotes changes within the same basic aerospace vehicle. Design numbers will be assigned consecutively beginning with '1' for each type vehicle. A dash will be inserted between the basic mission symbol and the design number for all aerospace vehicles.

Symbols: Series symbol
Explanation of Symbols: A letter denoting the initial production model and follow-on major modifications to an aerospace vehicle. These letters will be assigned consecutively, beginning with 'A.' To avoid confusion, the letters 'I' and 'O' will not be used.

Symbols: Modified mission symbol
Explanation of Symbols: This symbol will consist of a prefix letter placed at the immediate left of the basic mission. Normally, only one modified mission symbol will be used for any one designation. Table 3-10 contains the authorized modified mission symbols.

Table 3-7
Aerospace vehicle designators

Operational Status	Modified Mission	Basic Mission	Vehicle Type
G Per- manently grounded	A Attack	A Attack	H Helicopter
J Special Test, tem- porary	C Transport	B Bomber	V VTOL/STOL
N Special test, permanent	D Director	C Transport	
X Experimen- tal	E Special electronic installation	E Special electronic installation	
Y Prototype	H Search res- cue	F Fighter	
Z Planning	K Tanker	K Tanker	
	L Cold weather	O Observation	
	M Mine coun- ter- measures	P Patrol	
	O Observation	R Reconnaissance	
	P Patrol	S Antisub- marine	
	Q Drone	T Trainer	
	R Reconnaissance	U Utility	
	S Antisub- marine		
	T Trainer		
	U Utility		
	V Staff		
	W Weather		

Table 3–8
Status prefix symbols--aerospace vehicles

Letter: G Title: Permanently grounded Description: Aircraft permanently grounded and used for ground instruction only.
Letter: J Title: Special test, temporary Description: Aerospace vehicles on special test programs by authorized organizations, or on bailment contract, whose installed property has been temporarily removed for the test.
Letter: N Title: Special test, permanent Description: Aerospace vehicles on special test programs by authorized activities or on bailment contract, whose configurations are so drastically changed that to return them to their original condition is not practical or economical.
Letter: X Title: Experimental Description: Aerospace vehicles in a developmental, experimental stage in which the basic mission symbol and design number have been designated. They have not been established as standard vehicles.
Letter: Y Title: Prototype Description: A few aerospace vehicles procured, usually before production decision, to serve as models or patterns.
Letter: Z Title: Planning Description: Aerospace vehicles in the planning or pre-development stage.

Table 3–9
Basic mission and type symbols--aircraft description

Letter: A Title: Attack Description: Aircraft designed to search out, attack, and destroy enemy land or sea targets, using conventional or special weapons. This symbol also describes aircraft used for interdiction and close air support missions.
Letter: C Title: Transport Description: Aircraft designed primarily for carrying personnel or cargo.
Letter: E Title: Special electronic installation Description: Aircraft equipped with electronic devices for employment in one or more of the missions below: a Electronic countermeasures b Airborne early warning radar c Airborne command and control, including communications relay d Tactical data communications link for all non-autonomous modes of flight
Letter: H Title: Helicopter Description: Rotary-wing aircraft designed with the capability of flight in any plane (for example, horizontal, vertical, or diagonal).
Letter: O Title: Observation Description: Aircraft designed to observe (through visual or other means) and report tactical information on composition and disposition of enemy forces, troops, and supplies in an active combat area.
Letter: R Title: Reconnaissance Description: Aircraft designed to perform reconnaissance missions.
Letter: T Title: Trainer

Table 3–9
Basic mission and type symbols--aircraft description—Continued

Description: Aircraft designed for teaching personnel how to operate aircraft or related equipment. They have provisions for instructor personnel transport, and special light missions.
Letter: U Title: Utility Description: Aircraft designed to perform multiple missions such as battlefield support, localized transport, and special light missions. These aircraft will include those having a small payload.
Letter: V2 Title: VTOL and STOL Description: Aircraft designed for vertical takeoff or landing with no landing roll, or aircraft that can takeoff and land in a minimum prescribed distance.
Letter: X Title: Research Description: Aircraft designed for testing configuration of a radical nature. They are not normally intended for use as tactical aircraft.

Table 3–10
Modified mission symbols aircraft

Letter: A Title: Attack Description: Aircraft modified to search out, attack and destroy enemy land or sea targets, using conventional or special weapons. This symbol also describes aircraft used for interdiction and close air support missions.
Letter: C Title: Transport Description: Aircraft modified to carry personnel or cargo.
Letter: D Title: Director Description: Aircraft modified to control drone aircraft or missiles.
Letter: E Title: Special electronic Description: Aircraft modified with electronic devices to be used in one or more of the missions below: a. Electronic countermeasures. b. Airborne early warning radar. c. Airborne command and control, including communications relay. d. Tactical data communications link for all non-autonomous modes of flight.
Letter: H Title: Search rescue Description: Aircraft modified and equipped for search and rescue.
Letter: L Title: Cold weather Description: Aircraft modified to operate in the arctic and antarctic regions. They include skis, special insulation, and other ancillary equipment needed for extreme cold weather operations.
Letter: M Title: Mine countermeasures Description: Aircraft modified for aerial mine countermeasures and mine-sweeping operations.
Letter: O Title: Observation Description: Aircraft modified to observe (through visual or other means) and report tactical information on composition and disposition of enemy forces, troops, and supplies in an active combat area.
Letter: R Title: Reconnaissance Description: Aircraft designed to perform reconnaissance missions.
Letter: T Title: Trainer Description: Aircraft modified and equipped for training purposes.

Table 3-10
Modified mission symbols aircraft—Continued

Letter: U
Title: Utility
Description: Aircraft modified to perform multiple missions such as battlefield support, localized transport, and special light missions. These aircraft will include those having a small payload.

Letter: V
Title: Staff
Description: Aircraft modified to provide and accommodate items such as chairs, tables, lounges, and berths. They transport staff personnel.

Table 3-11
Codes for losses or gains of aircraft

Code: A
Loss or Gain Action: Accident losses
Explanation: Aircraft lost during normal mission because of flying or ground accident. Do not report aircraft loss until unit accountability is dropped and the loss is reported (AR 750-1).

Code: B
Loss or Gain Action: Other U.S. Government
Explanation: Aircraft gained or lost to U.S. Government departments other than Department of Defense (DOD) through transfer.

Code: C
Loss or Gain Action: Combat losses
Explanation: Aircraft lost due to enemy action.

Code: F

Table 3-12
Partially Mission Capable Codes

A. ARMAMENT SUBSYSTEMS	1. MISSILE 0. TOW 1. HELLFIRE 2. STINGER 3. SIDEWINDER	2. GUN 0. TURRET 1. 20MM 2. 30MM 3. 7.62MM 4. 50CAL	3. ROCKET 0.2.75	4. OTHER					
B. TARGETING SUBSYSTEM	1. HELMETSIGHT SYSTEM	2. LASER AUGMENTED AIRBORNE TRACKER	3. LASER RANGE FINDER	4. FIRE CONTROL COMPUTER	5.AUTOMATED TARGET HANDOVER SYSTEM				
C. OPTICAL EQUIPMENT	1. TELESCOPIC SIGHT UNIT	2. HEADS UP DISPLAY	3. TADS/PNVS 0.FLIR 1. TV	4. IHADSS	5. MMS 0. TIS 1. TV	2. POWER SUPPLY 3. SYS PROCES-SOR			
D. COMMO EQUIPMENT	1. FM	2. UHF/ VHF	3. HF	4. SATCOM	5. TRANSPONDER 0. MODE 3 1. MODE 4	6. SECURE VOICE 0. KY-28 1. KY-58			
E. NAVIGATION/ LANDING EQUIPMENT	1. ADF	2. VOR	3. ILS	4. RADAR ALTIME-TER	5. AHRS HRS	6. INS	7. GPS	8. MLS	9. DIGITAL MAP
F. COCKPIT MAN-AGEMENT SUB-SYSTEMS	1. MULTI-FUNCTIONAL DISPLAY 5. KEYBOARD	2. RADIO FREQUENCY DISPLAY 6. FLIGHT DATA RE-CORDER	3. MASTER CONTROLLER PROCESSOR UNIT	4. CONTROL DISPLAY SYSTEM					
G. IMC CAPABIL-ITY	(REFER TO TABLE 3-13 FOR EQUIPMENT SUBCODES)								
H. NIGHT CAPA-BILITY	(REFER TO TABLE 3-13 FOR EQUIPMENT SUBCODES)								

Table 3-11
Codes for losses or gains of aircraft—Continued

Loss or Gain Action: Foreign government
Explanation: Aircraft transferred to a foreign government.

Code: M
Loss or Gain Action: U.S. Navy
Explanation: Aircraft gained from or lost to the Navy through transfer (excludes code P).

Code: N
Loss or Gain Action: Natural phenomena
Explanation: Aircraft lost because of windstorm, hail, lightning, etc.

Code: P
Loss or Gain Action: Gain
Explanation: Aircraft gained from new production.

Code: R
Loss or Gain Action: Retired
Explanation: Aircraft withdrawn from service.

Code: T
Loss or Gain Action: Transfer
Explanation: Aircraft gained or lost through transfer between Army, RC, or ARNG organizations.

Code: U
Loss or Gain Action: U.S. Air Force
Explanation: Aircraft gained from or lost to the Air Force through transfer (excludes code P).

Code: Z
Loss or Gain Action: Ground instructional aircraft
Explanation: Aircraft status changed to or from flyable status.

Table 3-12
Partially Mission Capable Codes—Continued

I. EXTERNAL LOAD CAPABILITY	1. CENTER CARGO HOOK INOP	2. FORE/AFT CARGO HOOK INOP	3. LOAD LEVELER SYS- TEM		
J. AIRCRAFT SUR- VIVABILITY	1. AN/APR-39/39A 6. AN/ALQ-156	2. M-130 7. AN/ALQ-162	3. AN/ALQ-144/144A 8. AN/AVR-2	4. AN/ALQ-136 9 AN/ALQ-147A	5. APR-44
K. MISSION EQUIPMENT	1. RESCUE HOIST	2. LITTER KIT	3. INTERNAL CARGO HANDLING PROVISIONS	4. EXTENDED RANGE FUEL SYSTEM	5. OTHER
L. SPECIAL ELEC- TRONIC MISSION AIRCRAFT MIS- SION EQUIPMENT	1. SLAR W/AUTOPILOT 0. SWEEP GENERATOR 1. RECORDER/PROCESSOR/VIEWER 2. PROCESSOR RADAR SIGNAL 3. RECEIVER-TRANSMITTER 4. INTERCONNECTING BOX 5. ANTENNA 6. PRESSURIZATION UNIT 7. CONTROL RADAR SET 8. TRANSMITTING SET 4. PHOTOGRAPHIC E2QUIPMENT 0. PACK CAMERA & CONTROL 1. FRAME CAMERA & CONTROL 2. LIGHT SENSORS 3. FLASHER	2. QUICKLOOK 0. MONITOR-CONTROLLER 1. POWER SUPPLY 2. FREQUENCY SYNTHESIZER 3. DIGITAL COMPUTER 4. KG(U) ENCODER 5. MODEM 6. TRANS/REC/POWER SUPPLY 7. ECM POD 5. QUICKFIX 0. INTERCEPT/JAM 1. LOCATOR/RECORDER	3. COM/INT SYSTEM 0. CEFIRM LEADER 1. GUARDRAIL V 2. I-GUARDRAIL V 3. CRAZY HORSE 4. CHAALS 5. ADVANCED QUICKLOOK 6. INFRARED SENSOR		
M. OTHER	1. DUAL CONTROLS	2. ANTI-ICING	3. CABIN PRESSURIZA- TION		
N. SIMULATOR SUBSYSTEMS	1. MOTION SYSTEM 5. TRAINING/COCKPIT CONSOLE	2. CONTROL LOADING SYSTEM 6. VERSATEC PRINTER	3. INSTRUCTOR/OPERA- TOR STATION	4. TRAINING COMPUTER	

Notes:

¹ The intent of partially mission capable (PMC) reporting codes is to provide visibility of aircraft subsystem deficiencies which impact the ability of the aircraft to perform all the assigned missions of the unit. Subsystem visibility allows the responsible commodity commands to analyze, and improve the readiness of their subsystems, thereby contributing to increased FMC status of the total weapon system. The PMC reporting codes also provide the commander a more detailed status of the weapon system's actual combat capabilities.

² All aircraft subsystems necessary to perform all of the unit's combat missions must be operational for the aircraft to be FMC. The following specific requirements apply:

- a. All tactical aircraft will have a minimum of one operational FM radio.
- b. All aircraft must have either a UHF or VHF radio operational.
- c. All aircraft will have required equipment from table 3-13 for day/night flight.
- d. Aircraft certified for IFR will have equipment in table 3-13 for IMC flight.
- e. Attack aircraft will have armament subsystems operational and fire control and targeting subsystem capability sufficient to engage targets for all the unit's assigned missions (see para 4-4h(4)).
- f. Helicopters with external load mission will have cargo hook capability. CH-47D will have either the center hook or the fore and aft cargo hooks operational to be FMC.
- g. Scout/observation aircraft, so equipped, will have target acquisition and optical capabilities for the unit's assigned missions(s).
- h. Special electronic mission aircraft (SEMA) and special mission aircraft will have operational mission equipment required for the unit's assigned missions(s).
- i. Aircraft survivability equipment (ASE) when issued will be installed and operational. No waivers authorized below HQDA. All waivers issued prior to the effective date of this regulation are invalid.
- j. Flight data recorders, when issued, will be installed and operational.
- k. Subsystems that are NMC but do not result in a PMC condition for the reporting unit are required to be reported in the commander's statement.

³ Multiple subsystem deficiencies which degrade combat capabilities to the point of marginal effectiveness (e.g. all weapon systems on an attack helicopter inoperative) and/or result in potential safety of flight conditions will cause the aircraft to be NMC.

⁴ When the aircraft can perform one or more, but not all the missions prescribed for the owning unit of the aircraft, the aircraft will be reported as PMC. The PMC codes in table 3-12 and 3-13 will be used to identify the subsystem(s) causing the PMC condition. PMC codes are formed using the appropriate letter designator for the general subsystem (table 3-12 followed by the numeric identifier(s) for the specific subsystem/component (table 3-12 or 3-13).

Examples:

- a. An AH-64A PMC with a deficiency in the 30mm gun would be reported with a PMC code A22; 1st position, alpha, identifying an armament subsystem; 2d position, numeric 2, identifying the gun system; 3rd position, numeral 2, identifying the 30mm.
- b. A UH-1 restricted from IMC because of an inoperable attitude indicator would be reported with a PMC code of G2; 1st character, Golf, identifying IMC capability; 2d character, numeric 2 from table 3-13 identifying the attitude indicator.

Table 3–13
REQUIRED EQUIPMENT¹

Required Equipment ¹	Day	Night	IMC ²	NVD ²
1. Heading Indicator	X	X	X	
2. Attitude Indicator		X ⁷	X	X
3. Turn & Slip Indicator	X		X ⁴	
4. Airspeed Indicator	X	X	X	X
5. Pressure Altimeter	X	X	X	X
6. Vertical Speed Indicator ⁴		X	X	X
7. Magnetic Compass	X	X	X	X
8. Fuel Quant Ind Sys	X	X	X	X
9. Clock/Watch W/Sec Display	X	X	X	X
10. FAT	X	X	X	X
11. Pitot Heater			X	
12. Radar Altimeter(s)			X ⁵	
13. AFCS/DASE		X ⁵	X ⁶	X ⁴
14. Vertical Gyros and Indicators			X ⁶	
15. AHRS/HARS	X	X	X	
16. Doppler (AH-64 only)		X	X	X
17. Standby Flight Instr	X	X	X	X
(OH-58D, AH-64, RC-12K/N/P)				X
18. Commo Equip	X	X	X	X
19. Nav Equip ⁸		X	X	
20. Transponder			X	
21. Anticollision Light(s)	X	X	X	
22. Position/Instr Lights	X		X	
23. Landing/Search Light ³		X		X
24. Flashlight			X	

Notes:

¹ Equipment designated for flight in day, night IMC, or NVD must be operational and is the minimum required without any regard for mission requirements.

² Items 1 through 6 must be operational at the pilot's station for fixed wing aircraft and operational at both pilot's and copilot's station in rotary wing aircraft where provisions exist. All vacuum and electrical sources for flight instruments must be operational.

³ NVD IR light must be installed and operational for all NVD flights except FLIR aircraft. Failure of the light in flight must be evaluated to determine impact on mission and further NVD flight.

⁴ If part of normal or installed aircraft equipment, it must be operational.

⁵ Applies only to CH-47 operation on water. A visible horizon and two or more highly visible stationary objects for visual cues on the water surface must be present at the landing site.

⁶ Both AFCS and all components of both vertical gyros shall be operative for CH-47 and UH-60.

⁷ HARS driven attitude indicator must be present on AH64.

⁸ GPS navigation systems used for IFR must have a current non-corruptible database and comply with all FAA TSO C-129(A-1) requirements.

ARMY AIRCRAFT INVENTORY, STATUS AND FLYING TIME <small>For use of this form, see AR 700-138; the proponent agency is DCSLOG</small>				1. PERIOD ENDING 15 Sep 95		2. PAGE NO. 1		3. NO. OF PAGES		REQUIREMENT CONTROL SYMBOL CSGLD-1837(R1)		
4. ORGANIZATION HQ 1ST BN, 1ST AVN REGT, 82ND ABN DIV				5. TELEPHONE (Comm/DSN) DSN 236-2260		6. UNIT IDENTIFICATION CODE WDFJAA						
8. POST, CAMP, STATION FORT BRAGG, NC 28307				9. COMMAND FORSCOM								
10. SUMMARY DATA												
MISSION DESIGN SERIES	SERIAL NUMBER	ASSIGNMENT AND FUNCTIONAL CODE	HRS. ON HAND DURING REPORT PERIOD	MISSION CAPABLE		NOT MISSION CAPABLE				HOURS FLOWN DURING MONTH	NUMBER OF LANDINGS / TOUGHDOWN / AUTO-ROTATIONS	GAINED OR LOST
				FMC	PMC	NMCS	DEPOT	AVIM	AVUM			
<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>	<i>f</i>	<i>g</i>	<i>h</i>	<i>i</i>	<i>j</i>	<i>k</i>	<i>l</i>	<i>m</i>
AH64A	87-0482	AGA	744	417	C2/11	186	0	0	130	18	13/0	
AH64A	87-0483	AGA	744	187	A2/13	0	0	0	544	10	4/0	
AH64A	87-0484	AGA	744	711	A30/25	0	0	0	8	32	44/0	
UH60L	91-09790	BGC	744	629	D2/4	0	0	40	67	29	52/0	
OH58D	87-00729	AGA	744	133		71	540	0	0	03	14/0	LT
OH58D	87-00737	AGA										GT
OH58D	89-00086	AGA	744	462		166	0	0	116	37	54/0	
11. TYPED OR PRINTED NAME, GRADE, AND POSITION OF AUTHENTICATING OFFICER JOSEPH R. HOWELL, LTC AV COMMANDING												
12. SIGNATURE <i>Joseph R. Howell, LTC</i>												

EDITION OF 1 OCT 79 IS OBSOLETE

DA FORM 1352, APR 93

USAPPC VI 00

Figure 3-2. Sample of a completed DA Form 1352.

FMC Rate = FMC hours (block 10e)
 Total hours on hand (block 10d)
 PMC Rate = PMC hours (block 10f)
 Total hours on hand (block 10d)
 MC Rate = FMC hours + PMC hours (Blocks 10e and 10f)
 Total hours on hand (block 10d)
 NMCS Rate = NMCS hours (block 10g)
 Total hours on hand (block 10d)
 NMCM Rate = AVUM + AVIM + Depot hours (blocks 10i, 10j and 10h)
 Total hours on hand (block 10d)

Note:

1. All rates are expressed in percentages.
2. FMC rate + PMC rate + NMCS rate + NMCM rate = 100 percent.

Figure 3-3. Computing Mission Capable Rates

-
1. Logistic factors effecting overall maintenance.
 - a. Personnel
 - b. Training
 - c. Facilities
 - d. Equipment
 2. Aircraft below FMC goal.
 - a. NMCM. MDS, aircraft SN followed by reason.
 - b. NMCS Requisitions affecting readiness. MDS, SN, DODAAC, Doc No, NSN, NOMN, status, NICP. Enter DODACC/Doc No. that enters wholesale system. For NICP, enter source of supply commodity manager from AMDF, ARMY Log, FED Log or LCA.
 3. Aircraft with PMC time reported.
 - a. PMCM MDS, SN, remarks
 - b. PMCS MDS, SN, remarks
 4. Controlled Substitution.
 NSN, NOMEN, removed from:
 MDS, SN, installed on: MDS, SN, M/H _____
 (Example (1110-01-423-1234) AH-1S, 67-12345 to AH1S, 6913562, MH 30)
 5. Depot Maintenance.
 - a. Aircraft awaiting disposition instructions/crash damage release.
 - b. Aircraft undergoing depot level repair
 - c. Depot maintenance being performed by AVIM
 - d. MWO applications
 6. Aircraft Changes.
 - a. Change in function codes
 - b. Gains or losses explained MDS, SN, action,(gains, losses), unit, UIC, installation, date
 7. Airworthiness Directives (for nonstandard aircraft only)
 8. Additional Commander's comments.

Figure 3-4. Commanders Statement

Chapter 4

Missile Materiel Condition Status Reporting((RCS CSGLD-1864(R1))

4-1. General

The DA Form 3266-1 (Army Missile Materiel Readiness Report), serves as the basis for calculating FMC and equipment readiness (ER) ratings reported for missile systems on DA Form 2715-R, according to AR 220-1. It also serves as the basis for reporting the

materiel condition status for all missile systems covered by this regulation and provides for a readiness impact statement for those components causing NMC time. This chapter—

- a. Prescribes responsibilities and procedures for reporting the materiel condition status of designated missile systems (table 4-1). The word “system” is used to mean either a reportable missile system or a reportable missile subsystem when addressing missile reporting.
- b. Provides regulatory guidance for preparing the DA Form

3266-1 (RCS CSGLD-1864(R1), and DA Form 3266-2-R (Missile Materiel Condition Status Report Worksheet). DA Form 3266-1 may be procured through normal U.S. Army Publications and Printing Command (USAPPC) publications supply channels. DA Form 3266-2-R will be locally reproduced on 8 1/2 by 11-inch paper. A copy for reproduction purposes is located at the back of this regulation.

4-2. Reporting requirements

a. The Commanding General, U.S. Army Missile Command is the central agency for the collection, processing, and dissemination of materiel condition status data for missile equipment identified in this chapter. The commander will—

(1) Provide data on this missile equipment to improve the materiel condition status of missile equipment.

(2) Provide consolidated DA Form 3266-1, missile data to LOGSA for inclusion in readiness output products, EHAT, the Unit Equipment Status and Serviceability Report (UESSR), SCUR, and the RIDB files. The data will be sent to arrive at LOGSA not later than the first calendar day following the month in which the report period ends. The data will be sent via E-mail to: airdata@logsa-emh2.army.mil, or data can be provided on diskette.

b. Commanders will take every possible action to maximize system readiness. Controlled exchange in accordance with AR 750-1, paragraph 4-7, will be used to the maximum extent possible.

4-3. Equipment to be reported

a. *Tactical and Operational Readiness Float (ORF) systems, and Army War Reserve Prepositioned Sets (AWRPS).* The materiel condition status of all TOE systems used for tactical purposes, ORF systems, and AWRPS will be reported according to paragraphs 4-1 through 4-10. AWRPS will be reported quarterly. Reportable systems are listed in appendix B, (table B-4).

b. *Other equipment.*

(1) The ORF systems and AWRPS will be reported on a separate DA Form 3266-1 from the tactical systems. Use utilization codes listed in table 4-19.

(2) HQDA (DALO-SMR) may direct that the following categories of equipment be reported for specified purposes and periods of time.

(a) Research and test equipment being used by Government or nongovernmental activities.

(b) Other missile systems and missile support systems not normally reported under this regulation when widespread degradation of materiel readiness justifies intensive logistical management.

(c) Exceptions are:

1. The night vision set for the TOW systems. The TOW systems are considered complete and therefore reportable even when the night vision set has not been initially issued.

2. The night vision set and M981 carrier for the G/VLLD systems. The G/VLLD systems are considered complete and therefore reportable even when the night vision set and/or M981 has not been initially issued.

4-4. General readiness reporting procedures

a. *Rules for computing FMC ratings.* Rules for computing FMC ratings are based on standards established in chapter 2 of this regulation and AR 220-1. Because of the unique mission and system configuration of missile units, some of these standards must be tailored to fit the physical characteristics of missile systems. In general, many components of a missile system are interdependent. The operation of the components, therefore, affects the operation of the missile system as a whole. Thus, the interdependence must be considered in the overall missile system condition status. All components must be integrated into the missile system for the missile system to be considered FMC.

b. *System availability measurement.*

(1) The following systems will be rated in hours: PATRIOT Firing Battery, PATRIOT Command and Control, HELLFIRE Mast Mounted Sight (MMS), and M65 TOW. Missile system failures

which require more than the following times to repair will be counted as NMCM, NMCS, or a combination of both:

(a) One hour for JTACS.

(b) Two hours for HELLFIRE, MMS, and M65 TOW.

(c) Four hours for PATRIOT Firing Battery, PATRIOT Command and Control.

(2) Missile system failures that are corrected within the 1, 2 or 4 hour time limit will not be charged as NMC; however, if the failure cannot be corrected within the time limits, then the 1, 2 or 4 hours will be counted in the total NMC time. Note. Round FMC, NMCS, and NMCM hours to the nearest whole hour (0 through 29 minutes, round down; 30 through 59 minutes, round up).

(3) The following systems will measure availability at the end of the day: TOW (other than M65 TOW), MLRS, LCSS, DRAGON, G/VLLD, Avenger, LSDIS, BSTF and SENTINEL. A system that is FMC at the end of the day is counted as FMC for the whole day. The end of the day is 2400 hours, local time.

c. *Common items of equipment.* Several items of equipment, such as radios, generators, and vehicles are DA Form 3266-1 reportable under this chapter and DA Form 2406 reportable under chapter 2. Since these items of equipment are not missile peculiar, (that is, not used exclusively in missile systems), they must be reported in accordance with their use. If these items of equipment are used as a component of a missile system, as defined in tables 4-2 through 4-17, report their materiel condition status in accordance with this chapter. If these items of equipment are used as other than a component of a missile system, report their materiel condition status on DA Form 2406 in accordance with chapter 2.

d. *Missiles and rockets (Class V/Ammunition).* Missiles and rockets will not enter into the FMC rating scheme unless they are onhand and their operational condition can be verified by the reporting unit. If a missile or rocket is found to be NMC and a substitute is not available, it must be reported as a below-the-line failure on DA Form 3266-1, part II. A missile or rocket failure will not be rated as an above-the-line failure unless the percent of FMC missiles or rockets authorized onhand falls below 90 percent. The missile equipment code (MEC) used to identify missiles or rockets will be "MISSILE."

e. *Equipment on loan.* Equipment on loan is reported by the unit that has it on its property book. When equipment is on loan, the borrowing unit keeps a duplicate DD Form 314 and DA Form 3266-2-R. The borrowing unit will give NMCS/NMCM data to the owning unit at the end of the report period. The DD Form 314 and DA Form 3266-2-R goes with the equipment when it is returned to its owner. Both units must ensure that the owner gets the DD Form 314 and DA Form 3266-2-R when the loan is completed.

f. *Assets at MATES, UTES, or ECS.* Assets at MATES, UTES, or ECS are not loaned equipment. The MATES keeps the DD Form 314 and DA Form 3266-2-R for ARNG units, but only the owning USAR or ARNG unit will report this equipment.

g. *Explanation of terms.* When addressing missile reporting, the following terms are unique:

(1) *FMC.* A missile system is FMC if the minimum required quantities of equipment listed in the applicable missile system table of this regulation are fully mission capable with no faults listed in the "Equipment is not fully mission capable if" column of the operator's PMCS.

(2) *NMC time.*

(a) *General.* NMC time is defined as time when the missile system does not meet the minimum criteria in the appropriate missile system table. All NMC time will be reported as either NMCS or NMCM time. The sum of the two times must equal the total NMC time. When both NMCS and NMCM time occur in the same day, the entire time is counted for the condition status with the most hours that day.

(b) *NMCM time.* NMCM time is defined as NMC time spent in identifying problems (troubleshooting), awaiting shop, actual repair of the system, and final inspection of the repaired product. NMCM time will normally start when the failure occurs and continue until the failure has been corrected, less any time awaiting parts (NMCS time).

(c) *NMCS time.* NMCS time is defined as NMC time caused by a lack of supplies, such as repair parts, needed to restore the missile system to an FMC condition. NMCS time will start when the supply demand has been made and the materiel or part that has been requested is not available, thus halting further maintenance and causing a work stoppage. NMCS time will stop and NMCM time resume when the required items are received by the maintenance personnel, thus allowing productive maintenance work to be resumed. NMCM time resumes even though productive maintenance work may not resume for some reason other than awaiting parts or supplies.

(3) *Equipment verification, calibration and scheduled or phase maintenance.* Equipment verification, calibration and scheduled or phase maintenance checks and services that require the missile system to be powered down or disassembled will not be reported as NMC. If a missile system is NMC prior to verification, calibration or scheduled or phase maintenance, it will be reported NMC until returned to FMC. If an equipment failure occurs during verification, calibration or scheduled or phase maintenance, this time must be reported as NMC time according to (2)(a) above. For materiel condition status purposes, equipment failures detected during verification, calibration or scheduled or phase maintenance checks and services will be reported the same as equipment failures detected during operational conditions. Missile equipment will not be rated NMCM merely because it is undergoing verification, calibration or scheduled or phase maintenance inspections or services, or minor repair such as painting or body work. Overdue verifications, calibration and phase maintenance will be reported as NMC.

(4) *Armament configuration changes.* Armament configuration changes that require the missile subsystem to be removed from the wing stores will not be reported as NMC. If a missile subsystem is NMC prior to the configuration change, it will be reported NMC until returned to FMC status. Missile subsystems will not be rated NMC merely because they are not mounted on the wing stores. Armament configuration changes returning to missile subsystems (which were reported FMC while dismounted from the wing stores) will require the missile launchers to be remounted. Once remounted, the missile launchers must be boresighted within the 2 hours allowed by paragraph 4-4b(1) or NMC time will be incurred from the start of the remount of a missile subsystem.

(5) *Materiel change (MC), MWO, or depot overhaul time.* The hours or days when a missile system is undergoing a MC, MWO, or depot overhaul will be reported as NMCM time on DA Form 3266-1 using the missile equipment code (MEC) MCSXXX. The purpose and duration of the MC, MWO, or depot NMCM time will be explained on DA Form 3266-1, item 13.

(6) *Above-the-line failure.* An above-the-line failure is a missile equipment failure that causes a missile system to be rated NMC. A missile system will be rated NMC when the minimum quantities of equipment as listed in the appropriate missile system tables to this chapter are not fully mission capable.

(7) *Below-the-line failure.* A below-the-line failure is a missile equipment failure that does not cause a missile system to be rated NMC. A missile equipment failure is a below-the-line failure if it meets any of the following conditions:

(a) The missile system is already NMC for a different missile equipment failure. This below-the-line failure would become an above-the-line failure if the first failure is repaired before the second failure.

(b) The missile system can still meet the minimum quantities of equipment required to be fully mission capable in accordance with the appropriate missile system table of this chapter.

(c) The missile equipment failure is specifically designated as a below-the-line failure in the appropriate missile system table to this chapter.

(8) *Onhand.* All authorized components listed in the appropriate missile system rating tables must have been initially issued (unless otherwise noted in the appropriate rating table) for the system to be counted as onhand. A missile system will not be reported NMC because of an initial issue component shortage. All component

shortages will be highlighted in the Commander's Readiness Impact Statement on DA Form 3266-1.

(9) *Missile systems in transit.* If missile system(s) are FMC prior to being loaded for transit, then the system(s) will be reported FMC on DA Form 3266-1. If missile system(s) are NMC prior to being loaded for transit, then the system(s) will be reported NMC on the DA Form 3266-1 until the systems are brought back to FMC status.

4-5. DA Form 3266-2-R (Missile Materiel Condition Status Report Worksheet)

a. *Purpose.* The DA Form 3266-2-R will be used to track missile system NMC time and to prepare the DA Form 3266-1 at the end of the report period. The worksheet provides a method to show which missile system component failures caused the missile system to be NMC and which ones did not. It also will show how much missile system NMC time accumulated during the report period and how much NMC time each component of the missile system experienced.

b. *Preparation instructions.* See figures 4-1 and 4-2 for samples of DA Form 3266-2-R.

(1) Fill in the Julian dates in the report period (16th of one month through the 15th of the next month). A separate worksheet must be kept for each NMC missile system. For example, if a unit has 12 TOW missile systems onhand and 2 are NMC, it must maintain 2 separate worksheets. Like components will be consolidated when entered on DA Form 3266-1.

(2) For those systems that use the end-of-the-day rule, enter the MEC and serial number of any component that is NMC at the end of the day. Select the lowest level MEC from the appropriate missile system table. Enter the appropriate NMC symbol in the date block for that day. These symbols are defined in DA Pam 738-750, paragraph 3-3s, and are listed on DA Form 3266-2-R. NMCS/NMCM time for equipment at support maintenance will be recorded on DA Form 2407, or must be obtained from the support unit for any equipment that is not repaired at the end of the report period. When both NMCS and NMCM time occur in the same day, the entire time is counted for the condition status with the most hours that day. For those systems that are measured in hours, also enter the time the component became NMC/FMC.

(3) Determine if the component is causing system NMC time or has no impact on system status. If the component is causing system NMC time, recommend shading or highlighting the Julian date block for that component for that day. Update the worksheet daily.

c. *Multiple failures within the missile system.* A missile system cannot accumulate NMC time greater than the total possible missile system time in a report period. When two or more components cause a missile system to be NMC at the same time, count NMC time against the component that failed first. If the first component is returned to service and the other components are still not fully mission capable, begin counting system NMC time against the component that failed next. The system NMC time will start when the first component is returned to service. Repeat this procedure as necessary.

d. *Disposition, DA Form 3266-1.* A copy of this completed form will be maintained by the preparing unit for 6 months from the report ending date and then destroyed. File the 3266-2-R with the appropriate DA Form 3266-1.

e. *The DD Form 314 will not be used to record NMC time for a reportable missile system listed in table B-4.* DD Form 314 will be used to schedule periodic services on equipment when the technical manual requires services by unit maintenance personnel.

4-6. DA Form 3266-1 (Missile Materiel Readiness Report) (RCS CSGLD- 1864(R1))

a. *General.* DA Form 3266-1 serves as the basis for calculating FMC and equipment readiness (ER) ratings reported for missile systems on DA Form 2715-R, in accordance with AR 220-1. It also serves as the basis for reporting materiel condition status for all missile systems covered by this regulation and provides for a readiness impact statement for those components causing NMC time. Tactical units authorized by HQDA (DAMO-ODR) to report C-5 on

DA Form 2715-R in accordance with AR 220-1, will continue to complete DA Form 3266-1 until relieved from DA Form 2715-R reporting. The DA Form 3266-1 is prepared according to the following schedules:

(1) *Active Army*. Monthly report prepared as of the 15th of each month.

(2) *ARNGUS*. Quarterly report prepared as of the following dates: 15 January, 15 April, 15 July, and 15 October.

(3) *USAR*. Quarterly report prepared as of the following dates: 15 January, 15 April, 15 July, and 15 October.

b. Units required to submit.

(1) All MTOE units which have reportable missile system(s) (Tactical/ORF/AWRPS) will prepare a DA Form 3266-1. Units will begin reporting the first full report period following receipt of all items listed in the appropriate missile rating tables unless otherwise stated in footnotes.

(2) All Active Army, ARNGUS, and USAR missile units will prepare the DA Form 3266-1 at the levels shown in table 4-18.

(3) All Active Army, ARNGUS, and USAR units will forward completed DA Form 3266-1 through their local command channel for submission to Commander, U.S. Army Missile Command (MICOM), ATTN:AMSMI-MMC-RE-A, Redstone Arsenal, AL 35898-5180. The requirement to consolidate ("roll-up") individual reports at division, separate brigade, and so forth for submission to MICOM is rescinded.

c. Routing and due dates. DA Form 3266-1 will be submitted to Commander, MICOM, ATTN:AMSMI-MMC-RE-A, Redstone Arsenal, AL 35898-5180. The e-mail address is: 3266-1@csl.redstone.army.mil.

(1) *Active Army*. Unit reports will be collected by the MACOM commander or designated subordinate commander. The original DA Form 3266-1, signed datafax copy, or computer generated DA Form 3266-1 must be received at MICOM by the 22nd day of the month in which the report period ends.

(2) *ARNGUS*. Unit reports will be collected by the State Surface Maintenance Office (SSMO)/State Army Aviation Office (SAAO). The original, signed datafax copy, or computer generated DA Form 3266-1 will be sent to MICOM. The reports must be received at MICOM not later than the 22nd day of the month in which the report period ends.

(3) *USAR*. Unit reports will be collected by the U.S. Army Reserve Command (USARC) or the U.S. Army Reserve GOCOM. The original, signed datafax copy, or computer generated DA Form 3266-1 must be received at MICOM by the 22nd day of the month in which the report period ends.

(4) *ULLS*. Units which have been fielded the AMSS module in the Unit Level Logistics System (ULLS), will still be required to submit DA Form 3266-1 hard copy to MICOM until such time that the AMSS module can provide adequate data to meet the requirements for missile system reporting.

d. Preparation instructions. See figures 4-3 and 4-4 for completed samples of DA Form 3266-1. "Confidential" will be marked through prior to preparing the report.

(1) *Item 1, DO NOT WRITE IN THIS SPACE*. Leave blank. This space is for MICOM use only.

(2) *Item 2, TO*. Enter the address of the unit's next higher headquarters to include office symbol and ZIP Code.

(3) *Item 3, FROM*. Enter the preparing unit's address to include office symbol and ZIP Code.

(4) *Item 4, UIC*. Enter the six-position UIC of the preparing unit and the appropriate utilization code (WAGEFF/O). (See table 4-19 for utilization codes).

(5) *Item 5, PERIOD ENDING*. Enter the appropriate report cutoff date from a above. Use Julian date.

(6) *Item 6, DODAAC*. Enter the six-position activity address code of the preparing unit. DO NOT USE UIC.

(7) *Item 7, DSN EXTENSION*. Enter the DSN prefix or number and the extension of the preparing unit. For units preparing this

form outside of CONUS, also indicate the military prefix (for example, Neu-Ulm Military). If DSN is not available, enter the complete commercial telephone number including the area code.

(8) *Item 8, PART I—SYSTEM OPERATIONAL DATA*. Item 9, part II, must be completed before any calculations can be made in item 8, part I. In item 8, part I, blocks h through m must be completed before blocks a through c can be calculated.) Note. Round FMC, NMCS, and NMCM percentages to the nearest whole number. (.0 through .4 round down, .5 through .9, round up.)

(a) *Block a, FMC*. Enter the percentage of time the missile system was FMC. Obtain this by dividing possible time into available time and multiplying by 100.

(b) *Block b, NMCS*. Enter the percentage of time the missile system was NMCS. Obtain this by dividing possible time (block h) into the nonavailable time for NMCS (org) (block j) and NMCS (spt) (block k).

(c) *Block c, NMCM*. Enter the percentage of time the missile system was NMCM. Obtain this by dividing possible time (block h) into the nonavailable time for NMCM (org) (block l) and NMCM (spt) (block m).

(d) *Block d, WEAPON SYSTEM*. Enter the ECC/LIN and nomenclature of the missile system being reported (for example, CZ T00172 TSS)). See appropriate Missile System Rating Tables for the ECC/LIN and nomenclature of the missile system. Only one type of missile system will be reported on each form.

(e) *Block e, REQ*. Enter the quantity from the required column of the unit's MTOE.

(f) *Block f, AUTH*. Enter the quantity authorized by the unit's MTOE.

(g) *Block g, ONHAND*. Enter the number of missile systems onhand at the end of the report period. Reasons for gains and losses from the prior report period in onhand quantity, will be explained in Part III, item 13.

(h) *Block h, POSSIBLE HOURS/DAYS*. Enter the total time the system was onhand during the report period. Systems that were onhand for any part of the report period will be included, and the reasons for addition or deletion of the system will be explained in item 13, Part III.

Note. Complete blocks j through m before completing block i.

(i) *Block i, FMC HOURS/DAYS*. Enter the total FMC time recorded for the missile system during the report period. To determine the total FMC time, subtract the total NMC time in blocks j through m from the possible time in block h. Round to the nearest whole hour (1 through 29 minutes, round down, 30 through 59 minutes, round up).

(j) *Block j, NMCS ORG*. Enter the total organizational level NMCS time recorded for the missile system during the report period. To determine the total NMCS ORG time, total the above-the-line NMCS organization (ORG) time in item 9e.

(k) *Block k, NMCS SPT*. Enter the total support level NMCS time recorded for the missile system during the report period. To determine the total NMCS support (SPT) time, total the above-the-line NMCS SPT time in item 9f.

(l) *Block l, NMCM ORG*. Enter the total organization level NMCM time recorded for the missile system during the report period. To determine the total NMCM ORG time, total the above-the-line NMCM ORG time in item 9g.

(m) *Block m, NMCM SPT*. Enter the total support level NMCM time recorded for the missile system during the report period. To determine the total NMCM SPT time, total the above-the-line NMCM support time in item 9h.

Note. The total of the numbers in blocks i through m above must equal the number in block h. (FMC time+NMCS ORG time+NMCS SPT time+NMCM ORG time+NMCM SPT time must equal possible time.)

(9) *Item 9, PART II—SYSTEM COMPONENT OPERATIONAL DATA*.

(a) *Column a, ITEM*. Enter the MEC for components that caused missile system NMC time, shaded/highlighted components, from the worksheet to column a. These entries are referred to as above-the-line failures. After all failures causing missile system NMC time are

listed, skip a line and list other failures that did not cause missile system NMC time. These failures are referred to as below-the-line failures. If component NMC time is both highlighted and not highlighted, then list it both above and below the line. For reports with two or more systems onhand, make a single-line entry for each like component failure. (For example: on a TOW Missile System Report, total and enter all optical sight NMC time on a single line.) Again, if these like component failures are both highlighted and not highlighted, then make entries both above and below the line for that like component.

(b) *Column b, SERIAL NO.* Enter the serial number of end items listed in column a for all single missile systems. This column will be blank for reports with two or more systems onhand.

(c) *Column c, POSSIBLE HOURS/DAYS.* Enter the total time the component was onhand during the report period. This column is optional for reports with two or more systems onhand.

(d) *Column d, FMC HOURS/DAYS.* For each component entry on the DA Form 3266-2-R worksheet, total the NMC time for that entry. Subtract each total from the possible time computed in (c) above. Enter the result in column d. This column is optional for reports with two or more systems onhand.

Note. Data for columns e through h will be taken from DA Form 3266-2-R. (See para 4-6.) For consolidated reports, take this data from subordinate unit feeder reports.

(e) *Column e, NMCS ORG.* Enter the total time that this component was NMCS at organizational level.

(f) *Column f, NMCS SPT.* Enter the total time that this component was NMCS at support level.

(g) *Column g, NMCM ORG.* Enter the total time that this component was NMCM at organizational level.

(h) *Column h, NMCM SPT.* Enter the total time that this component was NMCM at support level.

(10) *Item 10, NAME AND GRADE OF AUTHENTICATING OFFICER.* Enter the name of the officer authenticating the report. DA Form 3266-1 will be authenticated by the commander or designated representative.

(11) *Item 11, SIGNATURE.* Self-explanatory.

(12) *Item 12, PART III—NMC STATUS ITEMS.*

(a) *Column a, ITEM.* Enter the MEC for all components in an NMC status as of the end of the report period. See the appropriate table for missile equipment codes.

(b) *Column b, SERIAL NUMBER.* Enter the end item serial number.

(c) *Column c, DATE NONAVAIL.* Enter the date the end item was reported as being NMC.

(d) *Column d, WHOLESALE REQUISITION NUMBER.* If the item is awaiting parts, enter the requisition number (including DODAAC) that entered the wholesale supply system. Include the latest status code if known. This information must be obtained from the direct support (DS) or the general support (GS) element.

(e) *Column e, NSN AND NOMENCLATURE.* For items awaiting

parts, enter the noun nomenclature and NSN of the parts on requisition.

(13) *Item 13, COMMANDER'S READINESS IMPACT STATEMENT.* The commander will perform an analysis of missile system NMC time for the report period. A statement by the commander will explain in detail problems affecting the availability of reported missile systems. This statement may include comments on problems the unit is experiencing with technical manuals, MOS shortages, non-availability of repair parts, direct exchange, and test equipment. For battalion, battery, separate detachment reports, senior commanders will analyze subordinate unit impact statements, and report any problems that cannot be resolved at the reporting unit level. Examples of appropriate entries in the commander's Readiness Impact Statement can be found in the sample DA Form 3266-1 reports in figures 4-3 through 4-6. Commander's impact statement is mandatory if system FMC rate is below DA goal (90 percent FMC).

e. *Disposition, DA Form 3266-1.* A copy of this completed form and DA Form 3266-2-R will be maintained by the preparing unit for 6 months from the report ending date and then destroyed.

4-7. Missile equipment assistance request

a. *Assistance.* A missile equipment assistance request may be submitted whenever MICOM assistance is needed to return any MICOM system (to include ORF and missile peculiar test equipment) to FMC status. Units should attempt cross-leveling to the maximum extent possible and request assistance from locally available sources (DMMC, Logistic Assistance Office; etc.) prior to contacting MICOM. The requesting unit must provide MICOM with the complete wholesale level document number, NSN, quantity, priority, office symbol, DSN number, and point of contact.

b. *Submission.* The information that is needed for a missile equipment assistance request should be submitted to MICOM by: telephone, message CDRMICOM REDSTONE ARSENAL AL // ANSAM-MMC-RE-SA//; datafax DSN 746-9430 or 645-6917; Comm: 205-876-9430; or e-mail 3266-1@csd.redstone.army.mil. Special format is not required.

c. *Feedback.* Feedback to a missile equipment supply assistance request will be by telephone or message to the reporting unit.

4-8. Special readiness impact statement

Commanders at any level are encouraged to submit special readiness impact statements to Commander, U.S. Army Aviation and Missile Command, ATTN: ANSAM-MMC-RE-SA, Redstone Arsenal, AL 35898-5180, anytime a missile system readiness problem exists that cannot be resolved within their resources and MICOM assistance is required. Commanders are also encouraged to submit special readiness impact statements focusing on customer service and satisfaction. No special format is required. Submission may be by any written form of communication.

Table 4-1
MISSILE RATING TABLES

AIR DEFENSE SYSTEMS

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MISSILE RATING TABLES—Continued

AIR DEFENSE SYSTEMS

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Table 4-2
Rating table for AVENGER Missile System, AN/TWQ-1
WEAPON SYSTEM: BN F57713 AVENGER

Reportable on DA Form 3266-1	SYSTEM COMPONENTS	Missile Equipment Code (MEC)	Min qty of equip req to be on hand and op QTY	Notes
	1. Carrier, Vehicle M998MOD or M1097 to include fully operational components as follows:		1	
	a. Power Train		1	
X	(1) Engine	ENGINE	1	
X	(2) Transmission	TRANSM	1	
X	(3) Transfer (s)	TRSFER	1	
X	b. Suspension System	SUSSYS	1	
X	c. Electrical System	ELESYS	1	
X	d. Fuel System	FULSYS	1	
X	e. Steering System	STRSYS	1	
X	f. Brake System	BRKSYS	1	
X	g. Battery(s) 24V	VEHBTY	2	
	2. Avenger Control Electronics to include fully operational components as follows:			
X	a. Control Display Terminal	AVGCDT	1	
X	b. Avenger Control Electronic	AVGACE	1	
	3. Crew Accommodation System to include fully operational components as follows:			
X	a. Gunner's Console	AVGGRC	1	
X	b. Turret Lighting	AVGTLG		4
X	c. Heater/Ventilator	AVGHVR	1	
X	d. Canopy	AVGCPY	1	
	4. Sensor System to include fully operational components as follows:			
X	a. Laser Range Finder	AVGLRF	1	
X	b. Automatic Video Tracker	AVGAVT	1	
X	c. FLIR Monitor	AVGFLM	1	
X	d. FLIR Receiver	AVGFLR	1	
X	e. FLIR FOV Footswitch	AVGFFF	1	
X	f. Optical Sight Head	AVGOSH	4	
	5. IFF System to include fully operational components as follows:			
X	a. Antenna	AVGATA	1	
X	b. IFF Interconnect Box	AVGIIB	1	
X	c. AN/PPX-3B Interrogator (IFF)	AVGAPI	1	
	6. Azimuth Encoder Slipring System to include fully operational components as follows:			
X	a. Azimuth Encoder	AVGAER	1	
X	b. Slip Ring	AVGSRG	1	
	7. Azimuth/Elevation Drive System to include fully operational components as follows:			
X	a. Elevation Sector Gear	AVGESG	1	
X	b. Elevation Drive	AVGEDR	1	
X	c. Turret Gyro	AVGTGO	1	3
X	d. Gun Gyro	AVGGGO	1	3
X	e. Azimuth Drive	AVGADR	1	
X	f. Turret Ring Gear	AVGTRG	1	
X	g. Gunner's Handstation	AVGGHS	1	
X	h. Electronic Control Assembly	AVGECA	1	
	8. Power Distribution system to include fully operational components as follows:			
X	a. Power Supplies (5VDC, 15VDC)	AVGPSP	1	3
X	b. Batteries, Fire Unit (24V)	AVGBFU	2	
X	9. Remote Control Unit	AVGRCU		4
	10. Communication System to include fully operational components as follows:			
X	a. AM-1780 Intercom	AVGAMI	1	
X	b. Radio Footswitch	AVGRFS	1	
X	c. Gunner's CVC Helment	AVGGCH	1	

Table 4-2
Rating table for AVENGER Missile System, AN/TWQ-1
WEAPON SYSTEM: BN F57713 AVENGER—Continued

Reportable on DA Form 3266-1	SYSTEM COMPONENTS	Missile Equipment Code (MEC)	Min qty of equip req to be on hand and op QTY	Notes
X	d. Driver's CVC Helment	AVGDCH	1	
X	e. Radio Set (AN/VRC-47 or AN-VRC091)	AVGRST	1	
X	f. Control Box (C-2298)	AVGCBX	1	
X	g. Radio (AN/PRC-77)	AVGPRC	1	
X	h. TSEC/KY-57	AVGTKY	1	
	11. Armament System to include fully operational components as follows:			
X	a. Missile Pod (Left/Right)	AVGMPD	1	5
X	b. Interface Electronic Assy	AVGIEA	1	
X	c. Machinegun, M3P	AVGMGN		4
X	12. Cable(s)	CABLES		2
X	13. Overdue verification or calibration	VERPHS		6

System rating instructions—When the system meets the minimum requirements for all lines shown, that system is considered FMC. Failure to meet the standard for one or more lines causes the system to be rated NMC.

Notes:

¹ Fire unit must be capable of establishing and maintaining radio and intercom communication to be rated FMC.

² For cables which render the system NMC, report cable designator that failed. List NSN and cable (s) failed.

³ Report item that failed.

⁴ Failure of this item will be reported Below-The-Line failure only. (Ref: Para 4-6(9)(a) this regulation)

⁵ Report second Missile Pod Below-the-line if failure occurs.

⁶ Use to report NMC time due to overdue verification or calibration.

Table 4-3
Rating table for RADAR SET AN/MPQ-64, SENTINEL Weapon System: BLG92997

Reportable on DA Form 3266-1	SYSTEM COMPONENTS	Missile Equipment Code (MEC)	Min qty of equip req to be on hand and op QTY	Notes
	1. Antenna Transceiver Group			
X	a. Transmitter	SENTXR	1	
X	b. Receiver	SENRCV	1	
X	c. Exciter	SENEXC	1	
X	d. Beam Steering Unit	SENBSU	1	
X	e. Pedestal Assembly	SENPED	1	
X	f. Signal/Data Processor	SENSDP	1	
X	g. Sensor Interface Unit	SENSIU	1	
X	h. Antenna	SENANT	1	
X	i. Radar Control Terminal	SENRCT	1	
X	j. Interrogat Set	SENIFF	1	
X	k. North Finding System	SENNFS	1	
X	l. Cables	SENCBL	1	
X	m. Trailer	SENTRL	1	
X	n. Leveling Jacks	SENLJS	1	
	2. HMMWV, Mdl 1097			
X	a. Vehicle	SENVEH	1	
X	b. Generator (MEP813)	SENGEN	1	
X	c. Power Distribution Unit	SENPDU	1	

System rating instruction—When the system meets the minimum requirements for all lines shown, that system is considered FMC. Failure to meet the standard for one or more lines causes the system to be rated NMC.

Notes:

¹ Identify faulty cable by stock number and W number in block 13 of the 3266-1.

Table 4-4

Rating table for Tactical Command System, AN/TYS-1 (JTAGS) and related equipment.

Weapon System: BL C40746

Reportable on DA Form 3266-1	SYSTEM COMPONENTS	Missile Equipment Code (MEC)	Min qty of equip req to be on hand and op QTY	Notes
	1. ANTENNA SUBSYSTEM			1
X	a. Antenna (TACSTAR)	ANTXXX	2	
X	b. Antenna Interface unit	ANTAIU	2	
X	c. Low Noise Amplifier	ANTLNA	2	
X	d. Router/Combiner	ANTROC	1	
X	e. Global Positioning System (GPS)Antenna/Receiver	ANTGPS	1	2
	2. RECEIVER/DECRYPTOR SUBSYSTEM			1
X	a. Receiver	RECXXX	2	
X	b. Demodulator	RECDMO	2	
X	c. Bit Synchronizer/Viterbi	RECBSV	2	
X	d. Demultiplexer	RECDMP	1	
X	e. Time/Frequency Processor	RECTFP	1	
X	f. Decryption Devices	RECDCR	2	
X	g. Time/Data Amplifier Unit	RECTDA	1	
	3. DATA PROCESSOR SYBSYSTEM			
X	a. Group Synch/Time Code Translator	DPSCST	1	
X	b. Mission Processor (Onyx)	DPSONX	1	
X	c. Mission Processor Keyboard	DPSBD	1	
X	d. Mission Processor Mouse	DPSTBL	1	
X	e. Mission Processor Monitor	DPSMON	1	
X	f. Terminal Server (XYPLEX)	DPSXYP	1	
X	g. System Hard Disk	DPSSTD	1	
X	h. General Purpose Hard Disk	DPSGPD	1	
X	i. Puluzzi Power Distribution Unit	PPDUDP	1	
	4. SHELTER SUBSYSTEM			
X	a. Power Generator PU-805 (TQG)	PWRGEN	1	3
X	b. Uninterruptable Power Supply	PWRSPL	1	4
x	c. Environmental Control Unit	ENVCNT	1	
X	d. Mobilizer	MOBILZ	1	
X	e. Cargo Truck 5 Ton	PRIMOV	2	5
	5. COMMUNICATION SUBSYSTEM			
X	a. JTIDS Radio	CJTIDS		6
X	b. CTT-3 Radio	CTTHHH		6
X	(1.) CTT-3 Radio Diplexer	CTTDIP	1	6
X	(2.) CTT-3 Radio Preamplifier	CTTPRE	1	6
X	c. SECTEL 1500/MMT w/DNVT	SECTEL		1
X	d. AT7T 1910 Modem	ATTMOD	4	
X	e. COMMUNICATIONS PROCESSOR	COMPRO	1	
X	(1.) Communications Patch Panel	COMPAT	1	
X	(2.) Communications Processor Hard Disk	COMPHD	1	

X

System rating instructions - When the system meets the minimum requirements for all lines shown, that system is considered FMC. Failure to meet the standard for one or more lines causes the system to be rated NMC.

The JTAGS System will be rated in hours. System failures that are corrected within 59 minutes will not be charged as NMC; however, if the failure cannot be corrected within the time limit, the hour will be counted as NMC time.

Notes:

¹ System will be rated NMC if unable to process in stereo.

² System will be rated NMC if GPS Antenna/Receiver is NMC.

³ Commercial (host nation) facility power (which is converted for US forces use; i.e., 60HZ) is considered the preferred power source; however, a PU-805 Tactical Quiet Generator or equivalent tactical power is required for the system to be rated FMC.

⁴ A power loss causing a system shutdown renders the system NMC.

⁵ Two (2) 5 Ton Trucks or equivalent required for movement of system and tactical generator.

⁶ The JTIDS and CTT-3 radios are future enhancements to the JTAGS system. Presently JTAGS provides data to the TRAP Data Dissemination System (TDDS) using a 1910 Modem. Only one of the three (TIBS, TDDS or JTIDS) capabilities is required to be FMC.

Table 4-5

Rating table for Light and Special division interim Sensor (LSDIS)

WEAPON SYSTEM: BM L60078 LSDIS

Reportable on DA Form 3266-1	SYSTEM COMPONENTS	Missile Equipment Code (MEC)	Min qty of equip req to be on hand and op Qty	Notes
X	1. Receiver/Transmitter to include fully operational components as follows:	LSDRTU	1	1
x	a. Radar	LSDRCV	1	
x	b. Stamo	LSDSTA	1	
x	c. Power AMP	LSDPAA	1	
x	d. Power Supply	LSDPSS	1	
x	e. Processor	LSDPRO	1	
x	f. Power Distribution	LSDPDS	1	
x	g. Fan Assembly	LSDFAY	1	
x	2. Pedestal/Stand Assy to include fully operational components as follows:	LSDPSA	1	1
x	a. Pedestal	LSDPED	1	
x	b. Rotary Coupler	LSDRCA	1	
X	c. Stand Assy	LSDSTD	1	
x	3. Antenna	LSDANT	1	
x	4. Control Indicator Unit	LSDCIU	1	
x	5. Cables	LSDCBS		2

System rating instructions—When the system meets the minimum requirements for all lines shown, that system is considered FMC. Failure to meet the standard for one or more lines causes the system to be rated NMC.

Notes:

¹ Only report missile equipment code (MEC) when none of the below MECs applies.

² List stock number of cable(s) that failed. (W1, W11, W2, W3, W4, W5).

Table 4-6

Rating table for PATRIOT Battalion Command and Control System

WEAPON SYSTEM: BPJ82250 PATRIOT C2

Reportable on DA Form 3266-1	SYSTEM COMPONENTS	Missile Equipment Code (MEC)	Min qty of equip req to be on hand and op QTY	Notes
	1. Antenna Mast Group, Guided Missile, Truck Mounted, OE-349/MRC to include fully operational components as listed per AMG:			7
X	a. Amplifier Assembly	AAX349	2	1
X	b. Antenna Mast Hydraulics	AMH349	1	1
X	c. Antenna Mast Pneumatics	AMP349	1	1
X	d. Brush Guard System	BGS349	2	2
X	e. Cables, Control, RF, and Power	CAB349		3
X	f. Directional Antennas	DAX349	2	2
X	g. Mast Control System	MCS349	1	
X	h. Power Distribution Unit	PDU349	1	
X	i. Stabilizing System (STRUTS)	SSX349	1	6
X	j. Truck M-800 (Series)	MXX800	1	
X	k. Truck M-900 (Series)	MXX900	1	
X	l. Major Item Modification	AMGMWO		12
	2. Communications Relay Group, Truck Mounted, AN/MRC 137 to include fully operational components as listed per CRG:			7
X	a. Air Conditioner	ACX137	1	
X	b. Communications Digital Data Processor	DDP137	1	
X	c. CRG Shelter	CRG137	1	
X	d. MCPE	MCP137	1	4
X	e. Modems	MOD137	2	
X	f. Radio Relay Terminal	RRT137	3	
X	g. Truck M-800 (Series)	MCG800	1	
X	h. Truck M-900 (Series)	MCG900	1	
X	i. Voice Patch Terminal	VPP137	1	
X	j. Major Item Modification	CRGMWO		12
	3. Electric Power Unit, Trailer Mounted, PU789/M to include fully operational components as listed:			7
X	a. 30KW Generator	GS789M	1	
X	b. Cables	CAB789		3
X	c. Fuel System	FS789M	1	
X	d. Trailer M-353	MXX353	1	
X	e. Major Item Modification	EPPMWO		12

Table 4-6
Rating table for PATRIOT Battalion Command and Control System
WEAPON SYSTEM: BPJ82250 PATRIOT C2—Continued

Reportable on DA Form 3266-1	SYSTEM COMPONENTS	Missile Equipment Code (MEC)	Min qty of equip req to be on hand and op QTY	Notes
	4. Guided Missile Transporter, M985, to include fully operational components as listed below:			8
X	a. HEMMT M985	GMTXXX		
X	d. HEMMT Crane	GMTX03		
	5. Information and Coordination Central, Guided Missile, Truck Mounted, AN/MSQ-116 to include fully operational components as listed below:			
X	a. Air Conditioner	ACX116	1	10
X	b. Display and Control Group	DCG116	1	5
X	c. ICC Shelter	ICC116	1	
X	d. Hard Copy Unit	HCU116	1	9
X	e. Mass Storage Unit	MSU116	1	9, 11
X	f. Optical Disk Unit	ODS116	1	9, 11
X	g. MCPE	MCP116	1	4
X	h. Radio Relay Terminal	RRT116	2	
X	i. Recovery Storage Unit	RSU116	1	11
X	j. Embedded Data Recorder	EDR116	1	9, 11
X	k. Routing Logic Radio Interface Unit	RIU116	1	
X	l. Truck M-800 (Series)	MIC800	1	
X	m. Truck M-900 (Series)	MIC900	1	
X	n. Voice Patch Terminal	VPP116	1	
X	o. Weapons Control Computer	WCC116	1	
X		ICCMWO		12
	6. Uplink Commo Group to include fully operational components as follows. (IF APPLIED)			9
X	a. Logic Control Unit	LCUXXX	1	
X	b. Switching Multiplexer	SMUXXX	1	
X	c. KG84/M2 Terminal/Antenna	KGTXXX	1	
X	d. Major Item Modification	UCGMWO		12

System rating instructions—When the system meets the minimum requirements for all lines shown, that system is considered FMC. Failure to meet the standard for one or more lines causes the system to be rated NMC. All serial numbers reported will be the PATRIOT major item serial numbers with the exception of the 30KW generators.

Notes:

- ¹ For AMG's used with ICC, the required number must be on two operational mast.
- ² Both brush guard systems must be able to be deployed and raised using their hydraulic systems to be FMC.
- ³ As required to meet power delivery for operational requirements.
- ⁴ MCPE failures will be reported as below the line failures against the end item assigned.
- ⁵ Only 1 man station is required to be operational.
- ⁶ AMG strut failures will be reported below the line unless the AMG cannot be emplaced.
- ⁷ Each HHB must have 60% of their AMGs, CRGs, and 30KW generators operational unless they are in support of a 5 Btry configuration then they are required to have 60% of AMG's, 75% of CRG's and 50% of 30KW generators operational.
- ⁸ Each battalion can only have one of their assigned GMTs NMC, to be FMC.
- ⁹ If the ICC is capable of performing its assigned mission, these failures will be reported below the line.
- ¹⁰ A minimum of one air conditioner is required for the ICC to be operational.
- ¹¹ If ODS/EDR Mod's applied no longer require MSU/RSU.
- ¹² Only use this MEC code when a MWO is being applied to the major item.

Table 4-7
Rating table for PATRIOT Firing Battery
WEAPON SYSTEM: BP E08497 PATRIOT FB

Reportable on DA Form 3266-1	SYSTEM COMPONENTS	Missile Equipment Code (MEC)	Min qty of equip req to be on hand and op QTY	Notes
	1. Antenna Mast Group, Guided Missile, Truck Mounted, OE-349/MRC to include fully operational components as listed per AMG:			
X	a. Amplifier Assembly	AAX349	2	1
X	b. Antenna Mast Hydraulics	AMH349	1	2
X	c. Antenna Mast Pneumatics	AMP349	1	2
X	d. Brush Guard System	BGS349	2	3
X	e. Cables, Control, RF and Power	CAB349		11
X	f. Directional Antennas	DAX349	2	2

Table 4-7
Rating table for PATRIOT Firing Battery
WEAPON SYSTEM: BP E08497 PATRIOT FB—Continued

Reportable on DA Form 3266-1	SYSTEM COMPONENTS	Missile Equipment Code (MEC)	Min qty of equip req to be on hand and op QTY	Notes
X	g. Mast Control System	MCS349	1	
X	h. Power Distribution Unit	PDU349	1	
X	i. Stabilizing System (STRUTS)	SSX349	1	4
X	j. Truck M-800 (Series)	MXX800	1	
X	k. Truck M-900 (Series)	MXX900	1	
X	l. Major Item Modification	AMGMWO		18
	2. Engagement Control Station, Guided Missile, Truck Mounted, AN/MSQ-104 to include fully operational components as listed:			
X	a. Air Conditioner	ACX104	1	5
X	b. Data Link Unit (DLU)	DLU104	1	10
X	c. Display and Control Group	DCG104	1	9
X	d. DLU Master BUS Unit	DMB104	1	
X	e. ECS Shelter	ECS104	1	
X	f. Hard Copy Unit	HCU104	1	13
X	g. Optical Disk Unit	ODS104	1	13, 16
X	h. Mass Storage Unit	MSU104	1	13, 16
X	i. MCPE	MCP104	1	6
X	j. Radio Relay Terminal	RRT104	2	7
X	k. Recovery Storage Unit	RSU104	1	16
X	l. Embedded Data Recorder	EDR104	1	13
X	m. Routing Logic Radio Interface Unit	RIU104	1	
X	n. Truck M-800 (Series)	MIC800	1	
X	o. Truck M-900 (Series)	MIC900	1	
X	p. Voice Patch Terminal	VPP104	1	
X	q. Weapons Control Computer	WCC104	1	
X	r. Radar/Weapons Control Interface Unit	CIU104	1	
X	s. Major Item Modification	ECSMWO		18
	3. Electric Power Plant, Truck Mounted, EPP2/EPP3 to include fully operational components as listed:			
X	a. 150KW Generator Set, Allison	GSXX24	1	14
X	b. 150KW Generator Set, Lechmotoren	GSXP63	1	14
X	c. Cables	CABXXX		11
X	d. Fuel System	FSXXXX	1	
X	e. Power Distribution Unit	PDUXXX	1	
X	f. Truck M-800 (Series)	MPP800	1	
X	g. Truck M-900 (Series)	MPP900	1	
X	h. HEMTT M-977	MRT977	1	
X	i. Major Item Modification	EPPMWO		18
	4. Launching Station, Guided Missile, Semitrailer Mounted, LSM-901 to include fully operational components as listed:			8
X	a. Data Link Unit (DLU)	DLU901	1	11,12,19
X	b. Launcher Electronics	LEA901	1	
X	c. Launcher Generator Set	LGS901	1	
X	d. Launcher Mechanical Assembly	LMA901	1	
X	e. Launcher Station Test Set	LST901	1	8
X	f. Missile Round Cable Test Set	MRC901	1	8
X	g. Tractor M-983	MRT983	1	
X	h. Trailer M-860 Outtrigger System	MLO860	1	
X	i. Global Positioning System	GPS901	1	15
X	j. North Finding System	NFS901	1	15
X	k. Major Item Modification	LAUMWO		18
	5. Radar Set, Semitrailer Mounted, AN/MPQ-53 to include fully operational components as listed:			17
X	a. Control Unit Group (CUG)	CUGX53	1	
X	b. ECCM Receiver	ECCM53	1	
X	c. Environmental Control Group	ECUX53	1	
X	d. IFF Group	IFFX53	1	
X	e. Radar Antenna Set Group	ASGX53	1	
X	f. Radar Shelter	RSSX53	1	
X	g. Radar Transmitter Control Circuits	RTGC53	1	
X	h. Radar Transmitter Driver	RTGD53	1	
X	i. Radar Transmitter Final	RTGF53	1	
X	j. Radar/Weapons Control Interface Unit	CIUX53	1	
X	k. Search/Track Receiver (STIF)	STIF53	1	
X	l. Signal Processor Group	SPGX53	1	
X	m. SLC Receiver	SLCX53	1	
X	n. Tractor M-983	MRT983	1	
X	o. Trailer M-860 Outtrigger System	MRO860	1	
X	p. Trailer M-860	MRT860	1	

Table 4-7
Rating table for PATRIOT Firing Battery
WEAPON SYSTEM: BP E08497 PATRIOT FB—Continued

Reportable on DA Form 3266-1	SYSTEM COMPONENTS	Missile Equipment Code (MEC)	Min qty of equip req to be on hand and op QTY	Notes
X	q. TVM Analog Processor	TVMA53	1	
X	r. TVM Correlation Processor	TVMC53	1	
X	s. North Finding System	NFSX53	1	15
X	t. Global Positioning System	GPSX53	1	15
X	u. TVM Digital	TVMD53	1	
X	v. Major Item Modification	RDSMWO		18

System rating instructions—When the system meets the minimum requirements for all lines shown, that system is considered FMC. Failure to meet the standard for one or more lines causes the system to be rated NMC. All serial numbers reported will be the PATRIOT end item serial number with the exception of the 150KW generators.

Notes:

- ¹ A minimum of two operational amplifiers mounted on operational antennas on an operational mast.
- ² When only one mast is operational, all antennas and amplifiers must be operational on that mast to be FMC.
- ³ Both brush guards systems must be able to be deployed and raised using their hydraulic systems to be FMC.
- ⁴ AMG strut failures will be reported below the line unless the AMG cannot be replaced.
- ⁵ A minimum of one air conditioner must be fully operational for the system to be FMC.
- ⁶ The MCPE will be reported as a below the line failure against the ECS if the MCPE is NMC.
- ⁷ Two operational stacks are required for the system to be rated FMC.
- ⁸ A minimum of five launchers are required to be operational for an eight launcher fire unit and three launchers for a five launcher fire unit. All fire units are required to have at least one operational MISSILE ROUND CABLE TEST SET (MRCTS) to be rated FMC. If the LSTS or one MRCTS is inoperative the unit will report the failure as a below the line failure against the BME serial number.
- ⁹ Only one man station is required for the system to be operational.
- ¹⁰ ECS DLU must be able to communicate with launchers. Either DLU mode may be used to meet this requirement, but if either the radio or the fiber optics subsystem is NMC, then that subsystem will be reported as a degrade below the line failure.
- ¹¹ As required to support the system.
- ¹² Must have either radio or fiber optic link with the ECS. If either subsystem is down, then the failure will be reported below the line.
- ¹³ If the ECS is able to perform its assigned mission, then the failure will be reported below the line.
- ¹⁴ EPPs must have one operational generator to be FMC, report only the generator assigned.
- ¹⁵ The North Finding System (NFS) and the Global Positioning System (GPS) will be reported as BELOW-THE-LINE failures only.
- ¹⁶ If ODS/EDR MOD's applied no longer require MSU/RSU.
- ¹⁷ Radar must be able to perform RTG Diagnostic per TM 9-1425-602-12-2 to be considered FMC.
- ¹⁸ Only use this MEC code when a MWO is being applied to the major item.
- ¹⁹ If the LGNIO card is unserviceable but installed in the DLU and the Launcher can perform its assigned mission using Manual emplacement mode, the Launcher will be reported as FMC. If the LGNIO card is missing from the DLU the Launcher will be reported NMC.

Table 4-8
Rating table for DRAGON Missile Weapon System
WEAPON SYSTEM: CD N23721 DRAGON

Reportable on DA Form 3266-1	SYSTEM COMPONENTS	Missile Equipment Code (MEC)	Min qty of equip req to be on hand and op QTY	Notes
X	1. Tracker, GM, Infrared SU-36/P	SU36PM	1	1
X	2. Night Vision Sight, AN/TAS-5	ANTAS5	1	2, 3

System rating instructions—When the system meets the minimum requirements for all lines shown, that system is considered FMC. Failure to meet the standard for one or more lines causes the system to be rated NMC.

Notes:

- ¹ For the Dragon Weapon System, those units that have only the SU-36/P will be rated FMC if the SU-36/P is operational and NMC if the SU-36/P is nonoperational. For those units that have both the SU-36/P and AN/TAS-5, if the SU-36/P is FMC and the AN/TAS-5 is NMC, the system is NMC. If the SU-36/P is NMC and the AN/TAS-5 is FMC, the system is rated FMC.
- ² AN/TAS-5 will be reported when issued.
- ³ Five bottles of coolant and five batteries must be on hand.

Table 4-9

Rating table for Base Shop Test Facility(BSTF), AN/TSM-191 (V3)

WEAPON SYSTEM: CZT92961 BSTF

Reportable on DA Form 3266-1	SYSTEM COMPONENTS	Missile Equipment Code (MEC)	Min qty of equip req to be on hand and op Qty	Notes
	System AN/TSM-191 (V3) Base Shop Test Facility (BSTF)to include fully operational components as listed:			1
	1. Test Set Subsystem:			
X	a. Blower, Analog VIC	BAVICK	1	
X	b. Blower, Digital VIC	BDVICK	1	
X	c. Terminal Unit (Display CRT)	PISPXX	1	2
	2. Power Supply Subsystem to include fully operational components as listed:			
X	a. Linear Power Supply	LPS28V	1	
X	b. Linear Power Supply	LPS15V	2	
X	c. Power Distribution Assembly	PDAXXX	1	2
X	d. Power Supply +/-5V	PSVX5V	2	
X	e. Power Supply 100V	PS100V	1	2
X	f. Power Supply 36V	PS36VX	1	2
X	g. Power Supply 0-7V	PSXXVX	2	2
X	h. Programmable Load	PLXXXX	1	2
X	i. Power Supply 55V	PS55VX	2	2
X	j. Virtual Instrument Chassis	VIC24V	1	
X	k. Virtual Instrument Chassis	VIC15V	2	
X	l. Phase Sequence Relay	PHSEQR	1	
X	m. Over/Under Relay	OVUNDR	1	
X	n. Overcurrent Relay	OVERCR	1	
X	o. Power Control Unit	PWRCLA	1	2
X	p. AC Power Supply	ACPWRS	1	2
X	q. Power Supply 16V	PS16VX	2	2
	3. Environmental Control Subsystem to include fully oper- ational components as listed:			
X	a. Environment Control Unit	ENVCLU	1	5
X	b. Modular Collective Protection Equipment	MCPEXX	1	2
	4. Accessory Subsystem to include fully operational compo- nents as listed:			
X	a. Printer	PXXXXX	1	2
X	b. Self Alignment Interface Connection Device(ICD)	SAICDX	1	1
	and accessories			
X	c. Optical Disc Drive	ODDXXX	2	
X	d. Self Test Interface Connection Connection Device (ICD)	STICDX	1	1
X	e. Winchester Drive	WINDRX	1	2
X	f. Wizard I Probe	WIPIXX	1	2
X	g. Wizard II Probe	WIPIIX	1	2
	5. Control Subsystem to include fully operational compo- nents as listed:			
X	a. Sun Microprocessor	SUNMIC	1	
X	b. Peripheral Interface Controller	PICDRA	1	
X	c. Rubidium Standard	RUBISD	1	
	6. Digital Subsystem to include fully operational compo- nents as listed:			
X	a. Digital Word Generator (DWG) I/O CD HV	DWGIOX	2	2
X	b. Digital I/O LV	DXCDLV	10	2
X	c. Timing Generator	TGAXXX	1	2
X	d. Wizard Probe Card	WPCXXX	1	2
X	e. Regulator Card Assembly	REGCDA	4	2
X	f. Sun Microprocessor	SUNMIX	1	
X	g. Bus Test Unit Card	BTUCXX	1	2
	7. Analog Subsystem to include fully operational compo- nents as listed:			
X	a. Digital Multimeter	DMXXXX	1	
X	b. Switch I/O Card	SIOCXX	6	2
X	c. DAC/Utility SW Card	DACUSC	1	2
X	d. Synchro/Resolver	SYNRES	1	2
X	e. Sun Microprocessor	MICPXX	1	
X	f. Display Analyzer Simulator	DASXXX	1	2
X	g. Timing Generator	TGDXXX	1	2
X	h. Arbitrary Function Generator	AFGXXX	5	2
X	i. Counter Timer Digitizer	CTDXXX	1	2
X	8. Generator 60KW	60KGEN	1	3
X	9. Truck 5 Ton	TRK5TN	2	2, 4
X	10. TPS'S			
	a. MLRS	MLRSXX	1	6
	b. AVENGER	AVNGXX	1	6
	c. PALADIN	PALDXX	1	6

Table 4-9

Rating table for Base Shop Test Facility(BSTF), AN/TSM-191 (V3)

WEAPON SYSTEM: CZT92961 BSTF—Continued

Reportable on DA Form 3266-1	SYSTEM COMPONENTS	Missile Equipment Code (MEC)	Min qty of equip req to be on hand and op Qty	Notes
System rating instructions—When the BSTF meets the minimum requirements for all lines shown, then the system is considered FMC. Failure to meet the standard for one or more lines causes the system to be rated NMC.				
Notes:				
¹ The BSTF must run self test and self alignment successfully. If the BSTF fails either test the system will be considered NMC unless foot note #2 applies.				
² If the failure does not affect operation of the Weapon System's TPSs, the BSTF will be reported as BELOW THE LINE.				
³ Must have generator power to be FMC.				
⁴ The BSTF will be considered complete and therefore reportable on DA Form 3266-1 even when the TRUCKS have not been initially issued.				
⁵ Report ECU ABOVE THE LINE if BSTF operating temperature falls below 54 +/-5 degrees F or above 89.6 F.+.				
⁶ Weapon System TPS's will be reported as Below-The-Line failures only. List item's that cause the TPS's to be NMC in Block 13, CDR Impact Statement of 3266-1.				

Table 4-10

Rating table for Ground Electro-Optical Target Designator Set AN/TVQ-2/Vehicle Mounted (FISTV M981), Electro-Optical Target Designator Set (G/VLLD)

WEAPON SYSTEM: (SEE NOTE 9)

Reportable on DA Form 3266-1	SYSTEM COMPONENTS	Missile Equipment Code (MEC)	Min qty of equip req to be on hand and op QTY	Notes
	1. G/VLLD (Electro Optical Target Designator Set AN/TVQ-2 to include fully operational components as listed:			
X	a. Ancillary Equipment	ANCEQP		7
X	b. Traversing Unit	TRAVSU	1	
X	c. Tripod Unit	TRIPDU	1	
X	d. Battery, Storage	GLDBAT	3	
X	e. Cables	GLDCBL		7
X	f. Target Rangefinder/Designator	LDRTVQ	1	
X	g. Back Packs (LDR/TU TRIPOD)	BAKPAK	1	
	2. Night Vision Set, AN/UAS-12B/12D to include fully operational components as listed:		1	6
X	a. Night Sight, Infrared	ANTASX	1	
X	b. Boresight Collimator Set	BRSCOL	1	
X	c. Night Sight Battery Power Conditioner	NSBPWC	1	2
X	d. Night Sight Spare Battery Pack	NSSBAP	1	5
X	e. Cables	CABLNS		7
X	f. Lens Cleaning Kit	LENCLK	1	
X	3. Communications	COMCAP	1	3
	4. M981 Fire Support Team Vehicle to include fully operational components as listed:		1	4, 6
	a. Power Train			
X	(1) Engine	ENGINE	1	
X	(2) Transmission	TRANSM	1	
X	(3) Power Transfer	PWRTRA	1	
X	(4) Final Drive	FINDRV	2	
X	b. Suspension System	SUSSYS		7
X	c. Electrical System	ELESYS		7
X	d. Fuel System	FULSYS		7
X	e. Steering System	STRSYS		7
X	f. Brake System	BRKSYS		7
X	g. Hydraulic System	HYDSYS		7
X	h. Body Cab/Hull	BODHUL		7
X	i. Slip Ring Electrical Contact Assy	SRASSY	1	
	j. Turret			
X	(1) Turret Cupola Assy	TURCUP	1	
X	(2) Cupola Bearing Assy	CUPBAS	1	
X	(3) Gunner Hatch Assy	GNRHTC	1	
X	(4) Night Sight Control Assy	NSTCAS	1	
X	(5) Cables	CABLTR		7
X	(6) Vision Block Assy	VISBLC		7
	(7) Manual Traverse/Elevation Mechanism			
X	(a) Power Control Unit	PCUXXX	1	
X	(b) Hydraulic Pump Assy	HYDPAS	1	
X	(c) Hand Control Assy	HANCON	1	
X	(d) Power Control Unit DC Motor	PCUDCM	1	
	(8) Power Traverse/Elevation Mechanism			
X	(a) Hyd Control System Manifold, Below Deck	HSMBDK		7
X	(b) Azimuth Drive Assy	AZDRVA	1	

Table 4-10

Rating table for Ground Electro-Optical Target Designator Set AN/TVQ-2/Vehicle Mounted (FISTV M981), Electro-Optical Target Designator Set (G/VLLD)

WEAPON SYSTEM: (SEE NOTE 9)—Continued

Reportable on DA Form 3266-1	SYSTEM COMPONENTS	Missile Equipment Code (MEC)	Min qty of equip req to be on hand and op QTY	Notes
X	(c) Traverse Mechanism	TRVMEC		7
X	(d) Track and Slew Brakes	TKSLBK		7
X	(e) Limit Switch(s)	LIMITS		7
X	(f) Fire Interrupt/Iterco Assy	FIRINT	1	
X	(g) Hyd system below deck	HYDBLD		7
X	(h) Hyd motor assembly	HYDMTR	1	
X	(i) Elevation hydraulic cylinder	ELHDCL	2	
X	(j) Targeting head hydraulic system	TGTHED		7
X	(k) Erection lock assy	ERLKAS	2	
X	(l) Erection arm hydraulic system	ERAHYS		7
X	(m) Erection arm hyd motor	ERHDMT	1	
X	(n) Hyd control manifold	HYDMAN	1	
X	(o) Hyd accumulator	HYDACU	1	
X	(p) Solenoid valve	SVALVE	1	
	(9) Armament and Sighting/Fire Control			
X	(a) Targeting Head/Erection Arm Assy	THDERA		7
X	(b) Cables	CABLAS		7
X	(c) Targeting Station Control and Display	TSCDIS	1	
X	(d) Sight Controls	SIGTCS		7
X	(e) GLLD/Night Sight Platform Assy	GNSPLT		7
X	(f) Turret Tank Periscope	TNKPER	1	
X	(g) Vehicle Tank Panoramic Telescope	VEHTEL	1	
X	(h) North Seeking Gyro Compass	NSGCOM	1	
X	(10) Overdue verification or calibration	VERPHS		8

System rating instructions—When the system meets the minimum requirements for all lines shown, that system is then considered FMC. Failure to meet the standard for one or more lines causes the system to be rated NMC.

Notes:

¹ Three serviceable batteries are required(serviceable batteries are those that have been charged and stored no longer than 10 days). For storage temperatures above 70 degrees F, the batteries must be charged and stored no longer than 5 days.

² Must have two serviceable batteries.

³ AN/PRC-77, AN/GRC-160, or authorized substitute radio and DMD AN/PSG-5.

⁴ Pertains only to units having M981 FIST Vehicle.

⁵ Must have two batteries in unopened plastic overwrap and shelf life not expired.

⁶ The G/VLLD AND FISTV G/VLLD system will be considered complete and therefore reportable on DA Form 3266-1 even when the Night Vision Set or the FISTV M981 has not been initially issued. List shortages of equipment in block 13 of the 3266-1 and DOC number(s) if available.

⁷ List stock number of cable and or component failure if still NMC at the end of the report period (block 12).

⁸ Use to report NMC time due to overdue verification or calibration.

⁹ Weapon System:

CF C12155 G/VLLD M981

CF T26457 G/VLLD GROUND

Table 4-11

Rating table for Helicopter Armament Subsystem, HELLFIRE and Related Equipment

WEAPON SYSTEM: CH L44830 HELLFIRE

Reportable on DA Form 3266-1	SUBSYSTEM COMPONENTS	Missile Equipment Code (MEC)	Min qty of equip req to be on hand and op QTY	Notes
	1. HELLFIRE Missile Equipment to include fully operational components as listed:			
X	a. Remote HELLFIRE Electronics	RHFELE	1	
X	b. Pilot's Missile Panel	PILPAN	1	
X	c. Co-pilot/Gunner Panel	CPGPAN	1	
X	2. Launcher, Guided Missile Aircraft (M272)(W/8 rails)	LAU272	2	2
	3. Fire Control Subsystem to include fully operational components as listed:		1	
X	a. Fire Control Computer	AHOFCC	1	
X	b. Co-pilot/Gunner Fire Control Panel	CPGFCP	1	
X	c. Pilot Fire Control Panel	PLTFCP	1	
X	d. Data Entry Keyboard	DENKEY	1	
X	e. Multiplex Remote Terminal Unit Type I	MRTUOI	2	
X	f. Multiplex Remote Terminal Unit Type II	MRTUII	2	
X	g. Multiplex Remote Terminal Unit Type III	MRTIII	1	
X	h. Air Data Processor	AHOADP	1	

Table 4-11**Rating table for Helicopter Armament Subsystem, HELLFIRE and Related Equipment****WEAPON SYSTEM: CH L44830 HELLFIRE—Continued**

Reportable on DA Form 3266-1	SUBSYSTEM COMPONENTS	Missile Equipment Code (MEC)	Min qty of equip req to be on hand and op QTY	Notes
X	i. Omnidirectional Air Speed Sensor	AHOASS	1	
X	4. Pylon	PLYONX	2	
X	5. Wiring Harness	WIREHL		1

Subsystem rating instructions—When the subsystem meets the minimum requirements for all lines shown, that subsystem is considered FMC. Failure to meet the standard for one or more lines causes the subsystem to be rated NMC.

Notes:

¹ Only report wiring harnesses which effect HELLFIRE SUBSYSTEM.

² System test will be run IAW TM 9-1427-475-20, section 2 using the Test Set, Guided Missile AN/TSM-205 to confirm the operational status of the rails.

Table 4-12**Rating table for Helicopter Armament Subsystem, TOW M65/C-NITE****WEAPON SYSTEM: CM 003000 TOW M65**

Reportable on DA Form 3266-1	SYSTEM COMPONENTS	Missile Equipment Code (MEC)	Min qty of equip req to be on hand and op QTY	Notes
X	1. Telescopic Sight Unit	TSUM65	1	9
X	2. Stabilization Control Amplifier	SCAM65	1	
X	3. TOW Control Panel	TCPM65	1	
X	4. Missile Command Amplifier	MCAM65	1	9
X	5. Sight Hand Control	SHCM65	1	
X	6. Electronic Power Supply	EPSM65	1	
X	7. TOW Missile Launcher	TMLM65	2	1, 2
X	8. Pilot Steering Indicator	PSIM65	1	3, 9
X	9. Missile Status Panel	MSPM65	1	4, 9
X	10. Pylon	PYLAH1	2	5
X	11. Power Static Inverter	PSIAH1	1	5
X	12. Servo Electronic Control Unit	SECUAH	1	5
X	13. Interface Control Unit	IFCUAH	1	5
X	14. Heads Up Display	HUDAH1	1	5
X	15. Attitude Gyro	GRYOA1	1	5
X	16. Wiring Harness	WIREAH		6
X	17. M65 Subsystem Tests	TSTM65		7,
X	18. Telescopic sight Unit (C-NITE)	TSUCNE	1	
X	19. Missile Command Amplifier (C-NITE)	MCACNE	1	
X	20. Flir Power Supply (C-NITE)	FPSCNE	1	
X	21. Flir Control Panel (C-NITE)	FPCPNE	1	
X	22. Flir Missile Tracker (C-NITE)	FMTCNE	1	

Subsystem rating instructions—When the subsystem meets the minimum requirements for all lines shown, that subsystem is considered FMC. Failure to meet the standard for one or more lines causes the subsystem to be rated NMC.

Notes:

¹ Must be boresighted for an FMC rating.

² TOW missile launchers will be mounted in accordance with the authorized armament configuration in the appropriate technical manual (TM 55-1520-236-10, figure 4.1-1, paragraphs 4.1-1 thru 4.1-25 for the AH-1P (PROD); figure 4.1-1, paragraphs 4.2-1 thru 4.2-25 for the AH-1E (ECAS); and figure 4.1-1, paragraphs 4-1 thru 4-26 for the AH-1F (MODERNIZED COBRA with M65/C-NITE) Helicopters.

³ Must be serviceable on ECAS, PROD, and MOD Models.

⁴ Must be serviceable on MOD only.

⁵ These components are not part of the M65 subsystem, but are required to have an FMC subsystem.

⁶ Only report wiring harnesses which affect M65 subsystem.

⁷ Use to report NMC time only in those instances where an AH-1 system or M65 subsystem technical manual requires a test on the M65 subsystem prior to beginning unscheduled maintenance action; a test on the M65 subsystem after completing an unscheduled maintenance action; or a test on the M65 subsystem to complete a phase maintenance; and the test on the M65 subsystem cannot be performed due to nonavailability of test equipment. NMC TIME ON TEST EQUIPMENT WILL NOT BE REPORTED UNTIL THAT CONDITION ACTUALLY CAUSES AN M65 SUBSYSTEM(S) TO BE NMC. NMC TIME WILL THEN BE REPORTED AGAINST THE M65 SUBSYSTEM(S) AWAITING TEST USING MEC 'TSTM65'. The circumstances causing the test equipment to not be available will be explained in the Commander's Impact Statement.

⁸ Test equipment is authorized to support multiple M65 subsystems.

⁹ Does NOT apply to C-NITE version.

Table 4-13

Rating table for Helicopter Subsystems, OH58D (Mast Mounted Sight and Armament Subsystems (Hellfire and air-to-air Stinger))
WEAPON SYSTEM: CJ 001000 MMS

Reportable on DA Form 3266-1	SYSTEM COMPONENTS	Missile Equipment Code (MEC)	Min qty of equip req to be on hand and op QTY	Notes
	1. Mast Mounted Sight to Include Fully Operational Components as Listed:			
X	(a) Thermal Imagery Sensor	TISASY	1	
X	(b) Laser Ranger Finder/Designator	AHLRFD	1	
X	(c) Optical Boresight	OBSASY	1	
X	(d) Gyro Assembly	GYASSY	1	
X	(e) Gyro Electronics Assembly	GEASSY	1	
X	(f) Platform Assembly	PLATAS	1	
X	(g) Upper Shroud	UPSHRD	1	
X	(h) IMUX Electronic Assembly	IMUXAS	1	
X	2. System Processor	AHIMSP	1	
X	3. Central Power Supply	AHMCPS	1	
X	4. Standpipe Cable	STPCBL	1	
X	5. Master Controller Processor Unit	MCPUXX	2	
X	6. Remote Control Circuit Breaker	RCCBMS	1	2
	7. Armament Subsystems to Include Fully Operational Components as Listed:			
X	(a) Integrated System Processor	ISPKWX	1	6
X	(b) Armament Control Panel	ACPKWX	1	6
X	(c) Armament Electronic Unit	AEUKWX	1	6
X	(d) Universal Weapon Pylon	PYLNKW	2	6
X	(e) Multifunction Display	MFDPKW	2	5, 6
X	(f) Mast Mounted Sight Control Panel	MSCPKW	1	6
X	(g) CPO Auxiliary Control Panel	CPOACP	1	6
X	(h) Pilot Display Unit	PDUKWX	1	4, 6
X	(i) Pilot Cyclic Grip	PCGKWX	1	6
X	(j) Interface Electronic Assembly	IEAYKW	1	6
	(k) ATAS System:			
X	(1) Launcher, Guided Missile M292	LGMAKW		1, 3, 6
X	(2) ATAS Umbilical Weapon Harness	AUWHKW		1, 3, 6
X	(3) Electronics Component Assembly	ECAAKW		1, 3, 6
	(l) Hellfire System:			
X	(1) Launcher, Guided Missile M272 (2 rails)	LGMHKW		1, 3, 6
X	(2) Hellfire Umbilical Weapon Harness	HUWHKW		1, 3, 6
X	(3) Remote Hellfire Electronics (RHE)	RHEHKW		1, 3, 6

Subsystem rating instructions—When the subsystems meet the minimum requirements for all lines shown, the subsystems will be considered FMC. Failure to meet the standards for one or more lines causes the subsystems to be rated NMC.

Notes:

¹ When launchers are removed to install other weapon systems, they should be considered FMC if no problems were noted. ATAS requires boresighting once installed/reinstalled.

² Report remote control circuit breaker (RCCB) that affects the MMS.

³ Report as 'below-the-line' failures only. Identify problem in commander's impact statement

⁴ Applies only to aircraft equipped with the pilot display unit. During NVG operation, the pilot display unit has to be removed, this leaves the mast mounted sight as the only weapon sighting system available.

⁵ Both MFDs are required to acquire and engage targets using the mast mounted sight.

⁶ Applies only to the armed version.

Table 4-14

Rating Table for Land Combat Support System, AN/TSM-93, (LCSS)
WEAPON SYSTEM: CA W00869 LCSS

Reportable on DA Form 3266-1	SYSTEM COMPONENTS	Missile Equipment Code (MEC)	Min qty of equip req to be on hand and op QTY	Notes
	a. System Test Station, AN/TSM-93, to include fully operational components as listed:		1	1
X	(1) Visual Display	VLD1A1		2
X	(2) Test Adapter	TAO1A2	1	
X	(3) 12V DC Power Supply	IPS1A3	1	
X	(4) Variable Power Transformer	VPT1A4	1	
X	(5) Digital Multimeter	DMM1A5	1	
X	(6) Waveform Converter	WFC1A6	1	
X	(7) Selftest Reference	STR1A7	1	
X	(8) 0-10 DC Power supply	PSO1A8	1	
X	(9) Test Results Display	TR1A10	1	

Table 4-14
Rating Table for Land Combat Support System, AN/TSM-93, (LCSS)
WEAPON SYSTEM: CA W00869 LCSS—Continued

Reportable on DA Form 3266-1	SYSTEM COMPONENTS	Missile Equipment Code (MEC)	Min qty of equip req to be on hand and op QTY	Notes
X	(10) Monitor Panel	MP1A11	1	2
X	(11) Programmable Signal Conditioner	PC1A12	1	3
X	(12) Indicator Panel	IP1A13	1	2
X	(13) Program Library Memory Assy	PM1A15	1	
X	(14) Controller Data Processor	CP1A16	1	
X	(15) Pulse Generator	PG1A17	1	
X	(16) 0-40V Power Supply	PS1A18	1	
X	(17) Signal Generator	SG1A19	1	
X	(18) 55V Power Supply	IPS7A4	1	
X	(19) 0-40V Power Supply	PSO7A5	1	
X	(20) 30V Power Supply	IPS7A6	1	
X	(21) 0-40V Power Supply	PSO7A7	1	
X	(22) 28V Power Supply	IPS7A8	1	
X	(23) 28V Power Supply	IP7A10	1	
X	(24) 5-50V Power Supply	PS7A12	1	
X	(25) 5V Regulator	RG7A13	1	
X	(26) Filter Adapter	FA7A20	1	
X	(27) Modulator	MOD2A2	1	3
X	(28) Source Detector Adapter	SDA2A3	1	3
X	(29) LCSS Supplemental	MK1165	1	1, 4
X	(30) Air Conditioner	AIRCON	2	
X	(31) Generator 60KW	60KGEN	1	5
X	(32) Truck 5 Ton	TRK5TN	1	2

System rating instructions—When the LCSS meets the minimum requirements for all lines shown, then the system is considered FMC. Failure to meet the standard for one or more lines causes the system to rated NMC.

Notes:

¹ The following programs must be able to be preformed successfully, COLD START, WARM START, SHORT C&M PROG 9004, AND LONG C&M PROG 9000. If any one of the programs can not be run the system will be considered NMC, use the appropriate code that identifies the problem.

² If the system will operate, item will be reported BELOW THE LINE.

³ Only report above the line if required to run a WEAPON SYSTEM UUT.

⁴ The LCSS SUPPLEMENTAL is reported as part of the LCSS TEST STATION and not as a separate WEAPON SYSTEM SUPPLEMENTAL.

⁵ Or equivalent tactical power.

Table 4-15
Rating table for Multiple Launch Rocket System (MLRS)
WEAPON SYSTEM: CG L44894 MLRS

Reportable on DA Form 3266-1	SYSTEM COMPONENTS	Missile Equipment Code (MEC)	Min qty of equip req to be on hand and op QTY	Notes
X	1. Launcher, rocket vehicle Mtd: M270			
	2. Carrier, vehicle M993	VEHCAR	1	1
	a. Power train			
X	(1) Engine	ENGINE	1	
X	(2) Transmission	TRANSM	1	
X	(3) Power takeoff	PWRTKO	1	
X	(4) Final drive	FINDRV	1	
X	b. Suspension system	SUSSYS	1	
X	c. Electrical system	ELESYS	1	
X	d. Fuel system	FULSYS	1	
X	e. Steering system	STRSYS	1	
X	f. Brake system	BRKSYS	1	
	b. Launcher, rocket M269			
X	(1) Primary power system	PPSXXX	1	6
X	(a) Battery box assembly	BTRYBX	1	
X	(b) Power dist box	PDBXXX	1	
X	(c) Electronics box	EBXXXX	1	
X	(2) Fire control system	FCSXXX	1	6
X	(a) Fire control panel	FCPXXX	1	
X	(b) Fire control unit	FCUXXX	1	
X	(c) Electronic unit	EUXXXX	1	
X	(d) Stabilization ref pkg	SRPXXX	1	
X	(e) Short no voltage tester	SNVTXX	1	
X	(f) Communications processor	COMMSP	1	
X	(3) Electronic cable(s)	ECABLE		2

Table 4-15
Rating table for Multiple Launch Rocket System (MLRS)
WEAPON SYSTEM: CG L44894 MLRS—Continued

Reportable on DA Form 3266-1	SYSTEM COMPONENTS	Missile Equipment Code (MEC)	Min qty of equip req to be on hand and op QTY	Notes
X	(4) Launcher drive system	LAUDRS	1	6
X	(a) Hyd pwr supply	HYDPSA	1	
X	(1) Hyd motor	HYDMTR	1	
X	(2) Hyd pump	HYDPMP	1	
X	(b) Hyd swivel assy	HYDSWV	1	
X	(c) Hyd lines/hoses	HYDLNS		3
X	(d) Heat exchanger	HEATEX		
X	(e) LDS contactor assy	LDSCON	1	
X	(f) Elevation valve module	ELEVAM	1	
X	(g) Elevation transmission	ELVTRN	1	
X	(h) Elevation servo motor	ELSMTR	1	
X	(i) Elevation position transducer assy	ELPTDA	1	
X	(j) Azimuth gear bearing	AZGRBR	1	
X	(k) Azimuth valve module	AZVLMD	1	
X	(l) Azimuth drive assy	AZDRAS	1	
	(m) Azimuth servomotor	AZSRMT	1	
X	(n) Azimuth position transducer assy	AZPTRA	1	
X	(o) Elevation Angle dr unit (include propshafts)	EAGDRU	1	
X	(p) Ball screw actuator, elevation	ACTBSC	2	
X	(q) Limit switch(s)	LMTSWVS		4
X	(5) Travel lock system	TRVLSY	1	6
X	(a) Travel lock actuator	TRVLKA	1	
X	(b) Torque tube	TORTUB	1	
X	(c) Travel lock hooks	TLHOOK	2	
X	(6) RPC/MSL holdown latch assy	RMHDLA	2	
X	(7) RPC/MSL loading system	RMLDSY	1	6
X	(a) Boom motor and reduction gearbox	BMRDGB	2	
X	(b) Boom electrical control assy	BOMCAS	2	
X	(c) Boom controller	BOMCNT	1	
X	(d) Boom extension actuator	BMXACT	2	
X	(e) Ball nut drive assy	BLNTDR	2	
X	(f) Cage boom assy	CAGEBA	2	
X	(g) Blast shield door	BLSLDR	2	
X	(h) Blast shield mechanism	BLSDMC	2	
X	(i) Hoist carriage assy	HSTCGA	2	
X	(j) Hoist assembly	HSTASY	2	6
X	(1) Hoist	HOISTX	2	
X	(2) Hoist motor	HOISTM	2	
X	(3) Hoist cable	HOISTC	2	
X	(4) Hoist hook/pulley assy	HHKPAS	2	
X	(k) Hoist control assy	HSTCNA	2	
X	(8) Ablative material (all types)	ABLMAT		5
X	(9) Payload interface module	PIMXXX	1	
X	2. Radio communications	RADCOM	1	
X	(a) Antenna, radio	RADANT	1	
X	3. Overdue verification or calibration	VERPHS		7

System rating instructions—When the system meets the minimum requirements for all lines shown, that system is considered FMC. Failure to meet the standard for one or more lines causes the system to be rated NMC.

Notes:

¹ Use commander's impact statement to detail any component failure not listed in this table.

² Report cable that failed by NSN.

³ Report hydraulic line/hose that failed by NSN.

⁴ Report limit switch that failed (location).

⁵ List ablative material/panel or location that is causing NMC problem.

⁶ Use the major grouping missile equip code only if subcomponent failure is not known.

⁷ Use to report NMC time due to overdue verification or calibration.

Table 4–16
Rating table for TOW2 HMMWV Weapon System
WEAPON SYSTEM: CC L45740 TOW2, HMMWV

Reportable on DA Form 3266-1	SYSTEM COMPONENTS	Missile Equipment Code (MEC)	Min qty of equip req to be on hand and op QTY	Notes
	1. Launcher, Tubular, GM M220/M220A2 to include fully operational components as listed:		1	
X	a. Launch Tube	LATM22	1	
X	b. Traversing Unit TOW 2	TRUM83	1	
X	c. Sight Optical, GM Launcher	MX9155	1	
X	d. Mount Tripod	M159E1	1	1
X	e. Missile Guidance Set TOW 2	TSQ136	1	
X	f. Battery Assy	BB2870	2	1
	2. Night Vision Set AN/UAS 12A/12C to include fully operational components as listed:		1	2
X	a. Night Sight, Infrared	ANTASX	1	
X	b. Night Sight Battery Power Conditioner	NSBPWC	1	
X	c. Night Sight Battery Power Conditioner Cable Assy	CBL8W1	1	
X	d. Night Sight Spare Battery Pack	NSSBPK		3
X	e. Night Sight Vehicle Power Conditioner	NSVPWC	1	8
X	e. Collimator, Boresight	SU93TA	1	4
	3. HMMWV, 1 1/4-Ton Truck		1	
	a. Power Train			
X	(1) Engine	ENGINE	1	
X	(2) Transmisson	TRANSM	1	
X	(3) Transfer(s)	TRSFER	1	
X	b. Suspension System	SUSSYS	1	
X	c. Electrical System	ELESYS	1	
X	d. Fuel System	FULSYS	1	
X	e. Steering System	STRSYS	1	
X	f. Brake System	BRKSYS	1	
X	g. Missile Rack	VEHXMR	4	5
X	h. Weapon Station	VEHXWS	1	
X	i. Gunner's Platform	VEHXGP	1	
X	j. Cargo Shell Door	VEHXCS	1	
X	k. Elevation Depression Limiter Assembly	ELDELA	1	
X	4. Radio Communications	COMCAP	1	6
X	5. Overdue verification or calibration	VERPHS		7

System rating instructions—When the system meets the minimum requirements. For all lines shown, that system is considered FMC. Failure to meet the standard for one or more lines causes the system to be rated NMC.

Notes:

- ¹ The TOW2 Weapon System has a ground-mount mission requirement; therefore, these items must be FMC even when the system is vehicle-mounted.
- ² The TOW2 system will be considered complete and therefore reportable on DA Form 3266-1 even when the Night Vision Set has not been initially issued. List shortages of equipment in block 13 of 3266-1 and DOC number(s) if available.
- ³ The TOW2 Weapon System will have on hand (as a minimum) two serviceable spare batteries.
- ⁴ The TOW2 Weapon System will have a serviceable boresight collimator power cable.
- ⁵ AN/PRC-77, AAN/GRC-160 or authorized substitute radio.
- ⁶ Missile storage rack must be capable of storing six missiles to be FMC.
- ⁷ Use to report NMC time due to overdue verification or calibration.
- ⁸ If unit has two serviceable batteries on hand the Night Sight Vehicle Power Conditioner will be reported as a below-the-line failure.

Table 4–17
Rating table for TOW2 Improved TOW Vehicle
WEAPON SYSTEMS: CC E56896

Reportable on DA Form 3266-1	SYSTEM COMPONENTS	Missile Equipment Code (MEC)	Min qty of equip req to be on hand and op QTY	Notes
	1. Launcher, Tubular, GM M220/M220A2 to include fully operational components as listed.		1	
X	a. Launch Tube	LATM22	1	1
X	b. Traversing Unit TOW2	TRUM83	1	1
X	c. Optical Sight, GM Launcher	MX9155	1	
X	d. Mount Tripod	M159E1	1	1
X	e. Missile Guidance Set TOW2	TSQ136	1	
X	f. Battery Assy	BB2870	2	1
X	g. Tow Vehicle Power	VEPCON	1	7

Table 4-17
Rating table for TOW2 Improved TOW Vehicle
WEAPON SYSTEMS: CC E56896—Continued

Reportable on DA Form 3266-1	SYSTEM COMPONENTS	Missile Equipment Code (MEC)	Min qty of equip req to be on hand and op QTY	Notes
	2. Night Vision Set AN/UAS-12A/12C To include fully operational components as listed:		1	
X	a. Night Sight, Infrared	ANTASX	1	
X	b. Night Sight Battery Power Conditioner	NSBPWC	1	
X	c. Night Sight Battery Power Conditioner Cable Assy	NSPWCB	1	
X	d. Night Sight Spare Battery Pack	NSSBPK		
X	e. Boresight Collimator	SU93TA	1	
X	f. Lens Cleaning Kit	LENCLK	1	
X	3. Communications	COMCAP	1	
	4. M901A1 Improved TOW Vehicle To include fully Operational Components as listed:		1	
	a. Power Train			
X	(1) Engine	ENGINE	1	
X	(2) Transmission	TRANSM	1	
X	(3) Power Transfer	PWRTRA	1	
X	(4) Final Drive	FINDRV	2	
X	b. Suspension System	SUSSYS		6
X	c. Electrical System	ELESYS		6
X	d. Fuel System	FULSYS		6
X	e. Steering System	STRSYS		6
X	f. Brake System	BRKSYS		6
X	g. Hydraulic System	HYDSYS		6
X	h. Body Cab/Hull	BODHUL		6
X	i. Slip Ring Electrical Contact Assy	SRASSY	1	
	j. Turret			
X	(1) Gunners Seat Assy	GNRSET		6
X	(2) Turret Cupola Assy	TURCUP		6
X	(3) Cupola Bearing Assy	CUPBAS		6
X	(4) Gunner Hatch Assy	GNRHTC		6
X	(5) Vision Blocks	VISBLC		6
X	(6) Cables	CABLES		6
	(7) Manual Traverse/Elevation Mechanism			
X	(a) Power Control Unit	PCUXXX	1	
X	(b) Hydraulic Pump Assy	HYDPAS	1	
X	(c) Hand Control Assy	HANCON	1	
X	(d) Power Control Unit DC Motor	PCUDCM	1	
	(8) Power Traverse/Elevation Mechanism			
X	(a) Hyd Control System Manifold, Below Deck	HSMBDK		6
X	(b) Azimuth Drive Assy	AZDRVA	1	
X	(c) Traverse Mechanism	TRVMEC		6
X	(d) Track and Slew Brake(s)	TKSLBK		6
X	(e) Limit Switch(s)	LIMITS		6
X	(f) Fire Interrupt/Intercom Assy	FIRINT	1	
X	(g) Hyd system below deck	HYDBLD		6
X	(h) Hyd motor assembly	HYDMTR	1	
X	(i) Elevation hydraulic cylinder	ELHDCL	2	
X	(j) Launcher Hydraulic system	LCRHYD		6
X	(k) Erection lock assy	ERLKAS	2	
X	(l) Erection arm hydraulic system	ERAHSY		6
X	(m) Erection arm hyd motor	ERHDMT	1	
X	(n) Hyd control manifold	HYDMAN	1	
X	(o) Hyd accumulator	HYDACU	1	
X	(p) Solenoid valve	SVALVE	1	
	(9) Armament and Sighting/Fire Control			
X	(a) Launcher Erection Arm Assy	LCHARM		6
X	(b) Cables	CABLES		6
X	(c) Launcher Structure Assy	LCHSRC		6
X	(d) Sight and Fire Controls	SFCONT		6
X	(e) Relay Assy	RELAY	1	
X	(f) Remote Arming Device	RADXXX	2	
X	(g) Turret Tank Periscope	TNKPER	1	
X	(h) Vehicle Tank Panoramic Telescope	VEHTEL	1	
X	(i) Gunner Control Panel	GUCOPA	1	
X	(j) Mechanical Tachometer	MECTAC	1	
X	10. Overdue Verification and Calibration	VERPHS		8

Table 4–17
Rating table for TOW2 Improved TOW Vehicle
WEAPON SYSTEMS: CC E56896—Continued

Reportable on DA Form 3266-1	SYSTEM COMPONENTS	Missile Equipment Code (MEC)	Min qty of equip req to be on hand and op QTY	Notes
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System rating instructions—When the system meets the minimum requirements for all lines shown, that system is then considered FMC. Failure to meet the standard for one or more lines causes the system to be rated NMC.

Notes:

- ¹ The TOW Weapon System has a ground-mount mission requirement; therefore, these items must be FMC even when the system is vehicle-mounted.
- ² The TOW2 Weapon System is required to have two serviceable spare batteries on hand.
- ³ The TOW2 Weapon System is required to have a serviceable boresight collimator power cable.
- ⁴ AN/PRC-77, AN/GRC-100 or authorized substitute radio.
- ⁵ The missile storage racks must be capable of storing nine missiles for an FMC rating.
- ⁶ List stock number of cable and or component failure if still NMC at the end of the report period (block 12).
- ⁷ Report Below-the-Line only on 3266-1.
- ⁸ Use to report NMC time due to overdue verification or calibration.

Table 4–18
Reporting levels for Missiles

Levels	System/Subsystem
Battery	Hawk, Patriot, ANT/TSQ-73, Avenger
Battalion Separate Company/Detachment	TOW M65, MMS, Hellfire
Battalion/Separate Battery	Dragon, TOW (all versions except M65) G/VLLD Ground, G/VLLD M981, Chaparral, MLRS, LCSS, LSDIS, BSTF, JTAGS and SENTINEL

Notes:

A separate report will be submitted for each version of TOW.

Table 4–19
Utilization Codes

Code	Description
0	Active Components
4	Operational Readiness Float (ORF)
7	Army National Guard, except MATES
8	Army National Guard (MATES)
A	Army Reserve Units
H	U.S. Army Intelligence and Security Command
K	U.S. Army Training and Doctrine Command
Q	Service schools
W	Training centers
Y	Army War Reserve Prepositioned Sets (AWRPS)

MISSILE MATERIEL CONDITION STATUS REPORT WORKSHEET		NMCS ORG - <input checked="" type="radio"/> NMCM ORG - <input type="radio"/>		NMCS SPT - <input checked="" type="radio"/> NMCM SPT - <input type="radio"/>																												
UNIT 9-9FA		JULIAN DATES IN REPORT PERIOD																														
SYSTEM IDENTIFICATION NUMBER FISTV C12155																																
MEC	END ITEM SERIAL NUMBER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
TSCDI3	HQ21	0	0	0	0	X																										
LORTVQ	HQ15				0	0	0	0	0	0																						
ELESYS	HQ13																															
HYDACU	HQ5																															
ENGINE	HQ6																															
NSGCOM	HQ8																															
TNKPER	HQ11																															
ANTASX	HQ14																															
HANCON	HQ4																															

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DA FORM 3266-2-R, AUG 85

Figure 4-1. Sample of a completed DA Form 3266-2-R for GVLLD M981 missile system.

ARMY MISSILE MATERIEL READINESS REPORT For use of this form, see AR 700-138; the proponent agency is ODCSLOG					1. DO NOT WRITE IN THIS SPACE		REQUIREMENT CONTROL SYMBOL CSGLD-1864 (R1)		
2. TO (Include ZIP Code) Commander ATTN: AMSMI-MMC-RE-A Redstone Arsenal, AL 35898-5230			3. FROM (Include ZIP Code) Commander 9-9 FA ATTN: AETV-S APO AE 09356			4. UIC WA2AT3/0		5. PERIOD ENDING 5015	
						6. DODAAC WK4T93			
						7. DSN ETS 370-8143			
8. PART I - SYSTEM OPERATIONAL DATA									
a. FMC 93 %		b. NMCS 5 %		c. NMCM 2 %		NMCS		NMCM	
d. WEAPON SYSTEM C12155 FISTV/M981	e. REQ 15	f. AUTH 15	g. ON HAND 15	h. POSSIBLE HOURS/DAYS 465	i. MISSION CAPABLE HOURS/DAYS 434	j. ORG 13	k. SUP 9	l. ORG 7	m. SUP 2
9. PART II - SYSTEM COMPONENT OPERATIONAL DATA									
L I N E	ITEM a.	SERIAL NO. b.	POSSIBLE HOURS/DAYS c.	FMC HOURS/DAYS d.	NMCS		NMCM		
					ORG e.	SUP f.	ORG g.	SUP h.	
1	TSCDIS		465	459	0	0	5	1	
2	LDRTVQ		465	462	3	0	0	0	
3	HYDACU		465	464	0	0	1	0	
4	ELESYS		465	454	10	0	1	0	
5	TNKPER		465	456	0	9	0	0	
6									
7	LDRTVQ		465	463	1	0	1	0	
8	HYDACU		465	461	2	0	2	0	
9	ENGINE		465	462	1	0	2	0	
10	NSGCOM		465	457	0	4	1	3	
11	TNKPER		465	463			1	1	
12	ANTASX		465	460				5	
13	HANCON		465	461			1	3	
14									
15									
16									
10. NAME AND GRADE OF AUTHENTICATING OFFICER (Type or print) DANIEL M. SCOTT, LTC				11. SIGNATURE					

DA FORM 3266-1, APR 93

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Figure 4-3. Sample of a completed DA Form 3266-1 for GVLLD M981 missile system.

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ARMY MISSILE MATERIEL READINESS REPORT For use of this form, see AR 700-138; the proponent agency is ODCSLOG					1. DO NOT WRITE IN THIS SPACE		REQUIREMENT CONTROL SYMBOL CSGLD-1864 (R1)	
2. TO (Include ZIP Code) Commander U.S. Army Missile Command ATTN: AMSMI-MMC-RE-A Redstone Arsenal, AL 35898-5230			3. FROM (Include ZIP Code) Commander 199th ACR 843 Main St. Loganville, TX 46782			4. UIC <div style="text-align: center;">WRRL91/7</div>		
			5. PERIOD ENDING <div style="text-align: center;">5015</div>			6. DODAAC <div style="text-align: center;">W47L4J</div>		
			7. DSN <div style="text-align: center;">871-4762</div>					
8. PART I - SYSTEM OPERATIONAL DATA								
a. FMC		b. NMCS		c. NMCM		NMCS		NMCM
95 %		2 %		3 %				
d. WEAPON SYSTEM	e. REQ	f. AUTH	g. ON HAND	h. POSSIBLE HOURS/DAYS	i. MISSION CAPABLE HOURS/DAYS	j. ORG	k. SUP	l. ORG m. SUP
CM003000 TOW M65	21	15	15	11160	10632	0	240	0 288
9. PART II - SYSTEM COMPONENT OPERATIONAL DATA								
LINE	ITEM a.	SERIAL NO. b.	POSSIBLE HOURS/DAYS c.	FMC HOURS/DAYS d.	NMCS		NMCM	
					ORG e.	SUP f.	ORG g.	SUP h.
1	TSUM65	8612532	11160	10873	0	0	0	288
2	TCPM65	8511421	11160	10920	0	240	0	0
3								
4	TCPM65	8612532	11160	11031	0	96	0	33
5	SCAM65	8511421	11160	11078	0	0	0	82
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
10. NAME AND GRADE OF AUTHENTICATING OFFICER (Type or print) DANIEL M. SCOTT, LTC					11. SIGNATURE			

DA FORM 3266-1, APR 93

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Figure 4-4. Sample of a completed DA Form 3266-1 for the TOW M65 missile system.

USAPPC V1.00

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b. Importance of integrity in materiel readiness reporting. All soldiers are expected to have high standards of integrity, moral courage, and honesty. These traits are especially important to materiel readiness reporting.

(1) The Army, because of its vital national security responsibilities, must have a materiel readiness reporting system whose foundation is built on the highest standards of integrity. Commanders, staff, and unit personnel must not compromise the integrity of the reporting system, or capitulate to either real or perceived suggestions that meeting materiel readiness standards through inaccurate reporting is acceptable. Commanders who accurately report unit materiel status, and who are actively trying to resolve materiel readiness problems, will not be penalized. To ensure the highest standards of integrity are maintained, the Army requires soldiers to "tell it like it is."

(2) If materiel condition status reports are not factual, a number of problems arise. First, if higher unit commanders have an incorrect report of unit readiness, they may plan field exercises or combat operations based on inaccurate information. This may increase risk of damage to equipment, death or injury to personnel, or risk failure of the mission. If Army materiel managers use readiness data from inaccurate reports, their decisions on repair, modification, overhaul, or purchase of end items and repair parts will be faulty. This causes inefficient and wasteful use of scarce Army resources, damage to equipment, death or injury to personnel, and risk of failure of mission accomplishment.

c. Materiel readiness reporting. Reporting materiel readiness through the chain of command to the national level is required to provide the chain of command, the materiel developer, the Army Staff and the Joint Chiefs of Staff (JCS) with an assessment of Army materiel readiness. The following provides a summary of the purposes of the reporting system and the uses of reported readiness information.

(1) Provides the Army Staff and JCS with the status of total Army materiel readiness.

(2) Provides AMC, the materiel developer, information on systemic materiel readiness problems and trends to fund for, prioritize, and implement readiness improvements.

(3) Provides the chain of command with an accurate assessment of equipment capabilities, limitations, and deficiencies.

(4) Provides, through the use of automation, a means of rapidly communicating materiel readiness information to all levels to provide the timely identification of materiel readiness problems, thereby improving corrective action response time to field units.

(5) Provides source data for Army-wide readiness information management systems.

(6) Provides operational and logistics planners with up to date information on materiel readiness trends in order to prioritize resources in support of readiness sustainment programs.

(7) Provides source information, which is translated into financial requirements, and is used to plan, program and fund programs in support of readiness improvement initiatives, (for example, materiel changes, MWOs, and depot overhaul programs).

5-2. Materiel readiness deficiencies

Materiel readiness deficiencies fall into two categories, systemic and compliance. The following describes each category and provides the established methods for resolving both.

a. Systemic problems relate to a materiel problem or procedure that is prevalent or common to a commodity, system, or item of equipment. Systemic problems are usually not unique to a specific unit, but rather are common to a piece of equipment or procedure, regardless of where the equipment is located or who uses the procedure. Examples of systemic problems could include, but are not limited to, equipment design problems that affect all models of a specific type of truck, or a technical manual error that lists the wrong part number or NSN. Problems of this type would be common to all users of the truck or manual, and therefore considered systemic. Systemic problems, through no fault of the user or maintainer, impair the ability to operate or maintain equipment to the required standard. In the case of the systemic problems cited above,

the materiel developer has the responsibility to resolve such problems. This does not relieve the user or maintainer from the responsibility of reporting such problems through the appropriate channels. The materiel developer must be made aware of problems in order to resolve them. Timely and accurate reports are therefore essential. Commanders at all levels will ensure compliance with materiel readiness reporting requirements as established by this regulation.

b. Compliance problems relate to the user's or maintainer's non-compliance or deviation from established standards, requirements, or procedures. Examples of compliance problems could include, but are not limited to, failure to perform preventive maintenance at the prescribed intervals, or failure to enter the required information on supply requisitions, both of which could lead to excessive NMC time. Resolving compliance problems is the responsibility of the unit commander. Activities, such as the Maintenance Assistance and Instruction Teams (MAIT) or the local AMC logistic assistance office (LAO), may be of assistance in identifying and resolving compliance problems.

5-3. Resolution of materiel deficiencies

a. Optimum resolution of materiel deficiencies depends upon command decisions regarding resource allocation. However, before deficiencies can be corrected, they must first be identified and accurately reported. The most critical factor or root cause in the accuracy of materiel readiness reporting is the failure of inexperienced users to identify and report a fault. The fault identified or not identified on DA Form 2404 (Equipment Inspection and Maintenance Worksheet) (the basic input document to readiness reporting) is the keystone to the success or failure of the materiel readiness reporting system.

b. The failure of inexperienced users to systematically follow a logical procedure (that is, preventive maintenance checks and Services (PMCS)) to identify a fault may lead to equipment being reported mission capable when it is actually not mission capable.

(1) PMCS are one of the most critical, and at the same time, one of the most difficult responsibilities of command.

(2) Proper maintenance by the user (following procedures to identify faults) is essential, and accurate materiel readiness reporting is imperative if the Army is to achieve its readiness goals and have a reliable, trustworthy, readiness posture.

(3) The user and first line supervisors (squad leader, platoon sergeant, etc) must carefully follow the PMCS procedures in the appropriate technical manuals to ensure early detection of failures for proper readiness reporting, as well as performance of maintenance. It is imperative that front line supervisors be capable of performing PMCS on the equipment under their supervision if they are to properly supervise and train young, inexperienced soldiers. PMCS procedures are designed to lead users through a logical process to locate and identify a fault.

5-4. Methodology

a. The formal methods for attaining and sustaining materiel readiness goals at the unit level are through the normal supply, maintenance, and budget channels.

b. To attain and sustain materiel goals, units will institute a proactive strategy for evaluating and fixing materiel readiness deficiencies. The steps to be used in this strategy will include:

(1) Analyze materiel readiness trends and indicators.

(2) Identify the problem or deficiency.

(3) Develop an action plan that specifically addresses both the problem or deficiency and the required corrective actions. Corrective actions may require assistance from other elements or activities, for example, the MAIT or the AMC LAO or both.

(4) Mobilize resources to fix the problem or deficiency.

(5) Initiate corrective action.

(6) Track the progress.

(7) Provide the necessary feedback to close the loop.

c. When materiel readiness deficiencies exist that are beyond the scope or capability of the unit to resolve, the following actions may be necessary.

(1) If the problem involves a materiel defect, quality deficiency, or a recommended equipment improvement, the owning unit will submit a Standard Form 368 (Product Quality Deficiency Report(PQDR)), according to DA Pam 738-750. Upon submitting the PQDR, the submitting unit should also contact the local AMC LAO and provide the pertinent information to ensure the required actions can be initiated immediately. For LAO addresses see table 5-2.

(2) For other logistics readiness problems that degrade materiel readiness and are beyond the scope of the unit to resolve, contact the local AMC LAO or the appropriate AMC MSC for assistance. AMC MSC addresses are in table 5-1, and the AMC LAO addresses are in table 5-2.

5-5. The Logistics Intelligence File (LIF)

The following summarizes the mission of the LIF and the reports that can be provided by LIF in support of materiel readiness.

a. *LIF function.* The LIF is the Army's centralized data bank for supply and transportation information. It serves as a source for providing logistics managers visibility of the total logistics supply system, transportation system and retrograde pipeline in support of Army activities worldwide. It provides visibility of individual requisitions and shipments as they are processed through the logistics pipeline. Listed below is a brief summary of the reports LIF provides in support of logistics operations.

b. *LIF operations.* The LIF is capable of responding to urgent telephone requests for supply and transportation status. All LIF records and the materiel returns data base (MRDB) are accessible by document number. The Movement Master File (TCN file) is accessible by Transportation Control Number (TCN). Telephone inquiries should be used solely for command interest items and be limited to 10 transaction queries per telephone call.

c. *Special inquiries.* Request for LIF data may also be made by message or memorandum. Such special requests should be addressed to: Director, USAMC Logistics Support Activity, ATTN: AMXLS-R, Redstone Arsenal, AL 35898-7466. For further information regarding LIF special reports, see DA Pamphlet 700-30 or contact the Studies and Analysis Branch.

d. *LIF reports.* The LIF provides a variety of reports that can be used by logisticians and operational managers at all levels in support of materiel readiness. LIF reports are produced from data accumulated on the file from wholesale managers (Army, DLA, GSA) and other sources of supply, depot, and Forces Command (FORSCOM)/U.S. Army Training and Doctrine Command (TRADOC) retail level units/organizations. The data base includes direct support system(DSS) and non-DSS units and is stratified by Regular Army, Reserves, and Reserve Officer Training Corps (ROTC). The reports consist of active and retired requisitions established during the previous 12 months and display performance data for CONUS installations, Alaska, Panama, U.S. Army Military District of Washington (MDW), and U.S. Army Pacific Command (USAPAC). Command summaries are produced for TRADOC and FORSCOM.

(1) *DSS performance evaluation.* The Individual DSS Activity Performance Report (IDAPR) is prepared from requisitions resident on the LIF. This is accomplished by extracting data from the LIF for requisitions submitted by activities supported under DSS. When a DODAAC is identified as a DS supply support activity, records will then be extracted for evaluation. Since there is no retroactive identification of records already on the LIF, only those records posted after the effective date of the new DSS DODAAC will be used for report purposes. For further information concerning the DSS Performance Evaluation see DA Pam 700-30.

(2) *Materiel returns data base (MRDB).* The MRDB contains all items reported through the Materiel Returns Program (MRP), as well as the depot receipt of all returns to include automatic return item (ARI). Primarily established to support retrograde recoverability reporting requirements, customers may now request the status of an MRDB document number by contacting LOGSA, by telephone, message, or memorandum. For further information concerning the MRDB see DA Pam 700-30.

(3) *Force Modernization Program (FMP).* The Force Modernization Packaging Reporting System provides logistic managers with statistical data in support of the authorized stockage list (ASL) and prescribed load list (PIAL) packaging concept used for fielding repair parts and tool kits. The data base consists of active and completed requisitions that contain an FMP project code which relates to a specific force modernization action. The requisitions are selected based on records derived from the baseline data cards identifying DODAACs of the units submitting requisitions for the specified project codes. The process begins with the formation of a master support list for the fielding and is provided to the gaining command. The master support list is the basis for the fielding command to provide LIF management report baseline data to the LOGSA. Unit materiel fielding points (UMFP) have been established to maintain integrity and prevent the premature receipt of initial support package items at the gaining units. The LOGSA assists the program/project manager, the UMFP, and the gaining Command with a series of reports that give a concise view of those items that are intransit, those at the UMFP, those that have bypassed the UMFP, and the status of open requisitions. For additional information concerning the Force Modernization Packaging Reporting System see DA Pam 700-30.

5-6. Maintenance Assistance and Instruction Teams (MAIT)

The MAIT program complements other programs that are designed to assist units in achieving and sustaining materiel readiness. To maximize materiel readiness, commanders are encouraged to take full advantage of the services offered by the MAIT. The following provides a brief summary of the objectives and types of MAIT visits. For additional information concerning the MAIT see AR 750-1 (included with DA Pam 738-750).

a. MAIT objectives.

(1) Upgrade Army materiel and units to a state of readiness consistent with assigned goals needed to accomplish the Army mission.

(2) Develop MAIT capabilities to meet mobilization and intensified buildup operations.

(3) Ensure that commanders at all levels are provided assistance in identifying and resolving maintenance, maintenance management, and associated repair parts problems in their units.

(4) Provide effective and responsible assistance and instruction for units and activities that request or need the service.

(5) Augment the commander's capability for providing maintenance and associated assistance and instruction to organic, attached, and supported units.

(6) Identify systemic problems in maintenance management and develop programs to improve management of maintenance workload at unit level.

(7) Generate an atmosphere of mutual trust between MAIT and the supported unit. This allows unit personnel to participate actively in problem identification and resolution without fear of resulting actions or information being used as bases for adverse action by command elements.

b. Types of MAIT visits.

(1) *Requested visit.* This type of visit can be arranged by requests from commanders of units directly to the MAIT scheduling element. This includes units requiring assistance and instruction or parent organizations requesting assistance and instruction for subordinate units.

(2) *Directed visits.* These visits are directed by the headquarters having operational control of the MAIT or higher headquarters for a specific organization, based on a determination that assistance and instruction is needed. The determination may result from review and analysis of readiness reports, CLRT reports, inspections, Army Training and Evaluation Program (ARTEP), or observations made during staff visits.

(3) *Programmed visits.* Each MAIT prepares a schedule of programmed visits. When resources are available, an annual visit

should be made to each unit. This provides the unit with an independent assessment of the unit's logistics problems and the MAIT's proposed solutions.

5-7. AMC Logistic Assistance Program (LAP)

The AMC LAP is designed to provide users and maintainers of AMC managed equipment with both logistical and technical assistance when materiel problems exist that can, or have the potential to, adversely impact materiel readiness. The LAP is not intended to replace or augment a unit's logistics capability, but rather to render assistance when appropriate. The Surgeon General operates the LAP for medical materiel. The following provides a summary of the LAP and the types of assistance that can be provided. For additional information concerning the AMC LAP see AR 700-4.

a. Commanders may be confronted with logistic problems that are either beyond their resource capability to resolve, or that are clearly not within their responsibility. In these cases, assistance will be provided to commanders in analyzing readiness, identifying problems, determining responsibility for resolutions, and, when appropriate, resolving problems.

b. The establishment of the LAP does not relieve the commander of logistic readiness responsibilities or functions. Rather, the commander is responsible for developing a self-sustaining readiness capability. The LAP is not authorized for Army commanders to relinquish their readiness mission responsibilities and capabilities.

c. The LAP—

(1) Provides commanders with the technical guidance necessary to resolve logistic problems.

(2) Includes identifying and reporting through channels all logistic conditions which have an adverse impact upon materiel readiness. This includes supply, maintenance, personnel, training, organization, systems, and doctrine.

(3) Provides a means to collect, correlate, assess, and disseminate the logistic information required to respond to problems with the materiel or from the systems user.

(4) Establishes an organizational structure and procedure for all logistic support activities to contact field units.

(5) Provides commanders with a single point of contact for AMC logistic assistance.

d. The program is oriented to the early detection of logistic problems that affect unit and materiel readiness.

e. The logistics assistance program provides a means for logistic support activity managers to observe and to identify materiel and logistic system problems in the field.

f. The LAP is designed to—

(1) Improve and sustain the readiness of materiel systems and logistic support of Active Army and Reserve Component Forces by—

(*a.*) Assisting commanders with those logistical problems on materiel readiness which are their responsibility but are beyond their organic resources.

(*b.*) Analyzing field operations for their effect on logistics and by determining requirements for improvement.

(*c.*) Improving logistic support based on materiel analyses and contact with using units and other sources.

(*d.*) Furnishing commands information and assistance for force modernization, including new and displaced materiel.

(2) Develop and coordinate plans to ensure that required assistance will be provided during mobilization, hostilities, and other contingencies.

(3) Assist other U.S. Government agencies with problems related to Army managed materiel.

g. The following provides a summary of the types of assistance that are available through the LAP.

(1) Provide advice and guidance to commanders to assist them in attaining and sustaining materiel readiness goals. This is achieved by identifying and resolving logistic problems, particularly improvements to unit supply and maintenance processes.

(2) Evaluate, advise, assist, and train in all areas of logistics.

Training will supplement, not replace, individual and unit training. Areas will include—

(*a.*) Equipment design.

(*b.*) Integrated logistic support.

(*c.*) Operations.

(*d.*) Transportation.

(*e.*) Maintenance.

(*f.*) Supply support.

(*g.*) Modifications.

(*h.*) Disposal of materiel.

(*i.*) Effectiveness of logistics support and management systems.

(3) Provide managers with timely information on the effectiveness of materiel and support systems in the field.

h. When requesting logistic assistance, units should contact their local AMC LAO. For LAO addresses see table 5-2. Requests for assistance should include—

(1) Name and location of organization requiring assistance.

(2) Specific types and quantity of materiel or weapons (make and model), of the systems for which assistance is needed, and a general description of the problem.

(3) Reasons why organic resources are not available.

(4) Estimated length of time assistance is required, starting date, and point of contact.

(5) Type of logistic assistance personnel required.

(6) Specific requirements for security clearance.

5-8. Army Oil Analysis Program (AOAP)

The AOAP is part of a DOD-wide effort to detect impending equipment failures and determine lubricant condition through laboratory evaluation of used oil, which includes liquid lubricants or transfer fluids used in engines, transmissions, and hydraulic systems. For units with equipment enrolled in this program, the AOAP provides a valuable source of equipment readiness information by providing feedback related to impending equipment failures. For additional information concerning the AOAP, see AR 750-1. The following provides a brief summary of the AOAP.

a. The objectives of the AOAP are to improve operational readiness of Army equipment, promote safety, detect impending component failures in time to avoid more costly and extensive repairs, and conserve lubricating fluids through application of on-condition changes.

b. Army equipment enrolled in AOAP are identified in TB 43-0106 (aeronautical) and DA Pam 738-750 (non-aeronautical) and applicable TMs and LOs.

c. The lubricating and hydraulic fluids from all components enrolled in the program are analyzed by the servicing AOAP laboratories at specified intervals.

d. Through analysis of used lubricants, AOAP laboratories provide feedback to using units. Feedback may take the form of a request for a maintenance action or for additional samples. Through prompt laboratory actions, commanders can be made aware of impending component failures and conditions that may negatively affect component performance, thus providing them with information that can be used to improve their equipment readiness posture.

5-9. Command Logistics Review Program (CLRP)

a. The CLRP is a HQDA DCSLOG program that is administered by USALIA. The program is directed toward in-depth logistics reviews of unit and installation logistics operations, where analyses and assessments are used to identify and resolve problems adversely affecting readiness.

b. The command logistics review teams (CLRT) have been established at each MACOM, as required by HQDA, and consist of highly skilled technicians and logisticians. These teams visit subordinate units on a scheduled basis to assess compliance and systemic logistics readiness problems. The teams render assistance and provide guidance to commanders, when appropriate, in resolving identified logistics and readiness deficiencies. When required, these teams are augmented with personnel from HQDA and USALEA, and are called command logistics review team-expanded (CLRT-X).

c. The services and assistance rendered by the CLRP provide

commanders at all levels with a resource that is essential if logistics readiness is to be improved and sustained.

5-10. The Equipment Improvement Report (EIR) and Maintenance Digest

These are publications provided by AMC MSCs to equipment users and maintainers. These digests provide technical information on equipment faults in design, operation, manufacturing, or propose improvements in materiel. The timely review and compliance with the instructions and proposals in these publications is essential to ensure that readiness is not degraded and that safety deficiencies are immediately corrected to eliminate personnel and equipment hazards. Commanders and readiness managers responsible for reporting equipment readiness will ensure that their units are placed on pin-point distribution for those digests that pertain to equipment that is authorized and or onhand in their organization (see DA Pam 25-30). Review and compliance with these digests is crucial if readiness goals are to be achieved and sustained.

5-11. The Integrated Logistics Support Lessons Learned (ILSLL) Report

This report summarizes many of the lessons learned by the Army in developing and fielding materiel systems. The report is prepared semiannually, with information received from many sources and is distributed throughout the Department of the Army. Additional information may be obtained by contacting the Director, USAMC Logistics Support Activity, ATTN: AMXLS-AI, Redstone Arsenal, AL 35898-7466.

5-12. Sample data collection (SDC)

SDC projects are established for selected new equipment entering the Army inventory, and other equipment as approved by HQDA DCSLOG. Detailed data are collected on a statistical sample of the total inventory for an average of 1 to 3 years. Empirical data generated by SDC, offers the most extensive maintenance/logistical information available. Because of the high confidence level of the data, it is used by materiel developers and readiness analysts to identify, target, and fix equipment deficiencies that adversely impact materiel readiness. SDC provides feedback to participating units on a recurring basis, as well as lessons learned to all users and maintainers of equipment in the SDC program. This provides an essential link between the users, maintainers, and the materiel developers for rapidly identifying and correcting equipment and logistical deficiencies that impact readiness.

5-13. PS, The Preventive Maintenance Monthly

This is an official technical bulletin published monthly by DA and distributed throughout the Army. It is intended to enhance materiel readiness by identifying and emphasizing proper maintenance and supply procedures. Review of PS magazine should be a regular part of unit readiness initiatives. A reader service to resolve problems or answer questions is available to all users. For distribution and additional information concerning PS magazine, contact the Director, USAMC Logistics Support Activity, ATTN:AMXLS-PS, Redstone Arsenal, AL 35898-7466.

5-14. AMC information publications

The national inventory control points (NICPs) and national maintenance points (NMPs) publish technical and information letters and bulletins that provide users and maintainers with guidance and a forum for comments, recommendations, and questions on logistics matters. These publications provide information on anticipated shortages, pending procedural changes, warranty information, clarification of technical publications, and general logistics information. For additional information concerning distribution of the publication, contact the appropriate AMC MSC in table 5-1.

Table 5-1
Readiness assistance
Command: ACALA
Office: Logistics Assistance Division
Support Branches: CONUS, EUROPE, KOREA (SEOUL)
Command: CECOM
Office: Logistics Operations Section
Support Branches: NA
Command: IMMC
Office: Readiness Branch
Support Branches: NA
Command: LOGSA
Office: Customer Feedback Division
Support Branches: NA
Command: MEDCOM
Office: USAMMA National Maintenance Point
Support Branches: NA
Command: AMCOM
Office: Analysis and Sustainment Division
Support Branches: NA
Command: TACOM
Office: Readiness and Analysis Division
Support Branches: CONUS, EUROPE, and KOREA

5-15. AMC readiness directorates

To provide responsive logistics support to users and maintainers of AMC-managed equipment, AMC MSC (ACALA, AMCOM, CECOM, MICOM, TACOM,) and The Surgeon General have established readiness directorates to manage readiness and logistics sustainability programs for their commodity equipment. The following provides a summary of the responsibilities and services provided by these activities.

a. *Readiness analysis.* The readiness directorates analyze materiel condition status reports, EIRs, PQDRs, field reports, and other information to develop priorities and corrective action plans to resolve materiel readiness deficiencies. They conduct periodic supportability assessment visits to selected units to provide and obtain information concerning readiness supportability problems and initiatives. Teams may consist of readiness directorate personnel, maintenance engineers, depot personnel, item managers, project manager personnel and or representatives from industry.

b. *Logistics assistance.* The MSC readiness directorate has responsibility for managing and executing the MSC LAP worldwide. For information concerning the LAP and the types of assistance that can be provided to users and maintainers of AMC managed equipment, see paragraph 5-7.

5-16. Readiness integrated data base (RIDB)

All materiel condition status reports submitted to the national level are collected at LOGSA, Redstone Arsenal, AL. The RIDB is the Army central repository for all reported materiel readiness data. RIDB is a classified data base providing classified/unclassified output information either by remote secure terminal or via hard copy reports. RIDB output information is used by HQDA, the AMC community, and field commanders to identify and resolve materiel and unit readiness deficiencies. The following provides a summary of the types of RIDB reports, and the procedures to be used when requesting these reports.

a. *Equipment Historical Availability Trend(EHAT) report (RCS DDI&L (AR 11-55)).* The EHAT is updated quarterly and presents MC, FMC, PMC, NMCS, and NMCM rates for all reportable equipment by MACOM plus an Active Army and total Army roll-up. The data are shown by quarter for the most recent eight quarters and include the historical average of availability. The EHAT report will be available to users with direct access to RIDB not later than the

25th workday of the following quarter. See figures 5-1 and 5-2 for examples of EHAT reports.

b. *Unit Equipment Status and Serviceability Report (UESSR) (RCS CSGL-1237)*. The UESSR provides MC, FMC, PMC, NMCS, and NMCM rates for all reportable equipment by individual Army organization or unit. Monthly UESSR reports are prepared for each Active Army division, separate brigade, armored cavalry regiment, and for other selected nondivisional units. Quarterly UESSRs are prepared for the USAR and ARNG components. The UESSR's will be available to users with direct access to RIDB not later than the 16th calendar day of the month following the report due date to USAMC LOGSA (1st day of the month). See figures 5-3 through 5-6 for examples of UESSRs.

c. *Selected Command Unit Review (SCUR) Report (RCS AMCRE-302)*. For each reportable item of equipment, this report identifies equipment that is below the HQDA goal of 90 percent FMC (75 percent for aircraft) by unit for the current reporting period. The report will be produced for each responsible AMC MSC. This report displays monthly data for Active Army units, and quarterly data for the Reserve component units. The reports will be available via RIDB access no later than the 1st day following the data base cutoff, (normally 15th of the month). See figures 5-7 and 5-8 for examples of SCURs.

d. *Army Aircraft Inventory Status and Flying Time (Gold Book) (RCS CSGLD-1837)*. This report is prepared monthly. It is designed to assist Department of the Army agencies, commanders, and activities concerned with Army aviation operational readiness data, asset structure, and operational status of all assigned Army aircraft. This report contains worldwide aircraft inventory stratified by MDS and depicts organization and station locations of all Army aircraft. It provides a summary by MDS of number of aircraft, hours onhand, hours MC, FMC, PMC, NMCS, NMCM and hours flown. The percentage of time aircraft were MC, FMC, NMCS, and NMCM AVIM, NMCM AVUM and NMCM depot is reflected also. The hard copy report will be mailed to recipients no later than the last calendar day of the month following the report due date to USAMC LOGSA (1st of the month). See figures 5-9 and 5-10 for examples of the Gold Book.

e. *Army Aircraft Status Report (Grey Book) (RCS CSGLD 1837)*. This report is prepared monthly. It is designed to assist Department

of the Army agencies and commanders concerned with Army aviation operational readiness status. This report reflects data by MDS, with a separate summation by MDS for active Army, USAR and USARNG. Data presented are number of aircraft; hours flown; percentage of time aircraft were MC, FMC, PMC, NMCS, NMCM AVIM, NMCM AVUM and NMCM depot. This report will be available to users with direct access to RIDB not later than the last calendar day of the month following the report due date, to USAMC LOGSA (1st of the month). See figures 5-11 and 5-12 for examples of the Grey Book.

f. *Program Manager Overview (PMO) (RCS CSGLD 1837)*. This report is prepared monthly. It is designed to assist commanders, aircraft program managers, and program evaluation offices concerned with aircraft inventory status, equipment readiness, MACOM installation location readiness, division readiness, and accountability of nonreported aircraft by last reported location. This report depicts worldwide DA standards and reflects readiness data by MDS, with an inventory recap and stratification of non-assigned aircraft. The inventory recap contains assigned units, assigned float, non-assigned and total inventory. The hard copy report will be mailed to recipients no later than the last calendar day of the month following the report due date to USAMC LOGSA (1st day of the month). See figure 5-13 and 5-14 for examples of the PMO.

g. *Special reports*. In addition to the above reports, LOGSA prepares several other reports that can be used by commanders and logistic readiness personnel in support of readiness improvements and to monitor performance of equipment. These reports are tailored to provide readiness information on specific items of materiel for specified intervals. Additional information concerning the availability of these reports is provided in paragraph h.

h. *Requesting RIDB reports*. Hard copy reports may be obtained with the approval of the appropriate MACOM by submitting written requests to the Director, USAMC Logistics Support Activity, ATTN: AMXLS-RRS, Redstone Arsenal, AL 35898-7466. Some reports may be classified "CONFIDENTIAL" dependent upon the level of information requested. Additional information concerning the availability of special reports may be obtained by writing to this address. Also, requests for deletion from receipt of reports should be made in writing to the same address.

Table 5-2
Logistic Assistance Offices (LAOs)

Command	Location/Station	Address	FAX Numbers
AMC/ LOGSA	Redstone Arsenal, AL	Logistics Support Activity, ATTN: AMXLS-LL Redstone Arsenal, AL 35898-7466 Msg address: DIRLOGSA REDSTONE ARSENAL AL// AMXLS-LL//	Fax : DSN 645-6880 Comm: 205-955-6880
CONUS			
AMC/ LOGSA	Ft McPherson, GA	Ch, USALAO, FORSCOM, ATTN: AMXLS-F, 1777 Hardee Ave. SW Ft McPherson, GA 30330-1062 Msg address: CUSALAO FORSCOM FT MCPHERSON GA//AMXLS-F//	Fax: DSN 367-6750 Comm: 404-464-6750
AMC/ LOGSA	Ft Benning, GA	Ch, USALAO, Ft Benning, ATTN: AMXLS-F-BE Bldg 2529, Ft Benning, GA 31905-6225 Msg address: CUSALAO FT BENNING GA//AMXLS-F- BE//	Fax: DSN 835-6019 Comm: 706-545-6019
AMC/ LOGSA	Ft Bliss, TX	Ch, USALAO, Ft. Bliss, ATTN: AMXLS-F-BL P.O. Box 6054, Ft. Bliss, TX 79906-0054 Msg address: CUSALAO FT BLISS TX//AMXLS-F-BL//	Fax: DSN 978-2802 Comm: 915-568-2802
AMC/ LOGSA	Ft Bragg, NC	Ch, USALAO, XVIII Abn Corps, ATTN: AMXLS-F-E Bldg AT-4925, Ft Bragg, NC 28307-5000 Msg address: CUSALAO XVIII ABN CORPS FT BRAGG NC//AMXLS-F-E//	Fax: DSN 236-9843 Comm: 910-396-9843

Table 5-2
Logistic Assistance Offices (LAOs)—Continued

Command	Location/Station	Address	FAX Numbers
AMC/ LOGSA	Ft Bragg, NC	Ch, USALAO, 82nd Abn Div, ATTN: AMXLS-F-BG Bldg AT-4925, Ft Bragg, NC 28307-5000 Msg address: CUSALAO 82ND ABN DIV FT BRAGG NC//AMXLS-F-BG//	Fax: DSN 236-1900 Comm: 910-396-1900
AMC/ LOGSA	Ft Bragg, NC	Ch, USALAO, 1st COSCOM, ATTN: AMXLS-F-COS Bldg MT-6726, Ft Bragg, NC 28307-5000 Msg address: CUSALAO 1ST COSCOM FT BRAGG NC/ /AMXLS-F-COS//	Fax: DSN 236-5588 Comm: 910-396-5588
AMC/ LOGSA	Ft Bragg, NC	Ch, USALAO, USASOC, ATTN: AMXLS-F-SO Bldg D2004, Rm 324, Marion St., Ft Bragg, NC 28307- 5000 Msg address: CUSALAO SOC FT BRAGG NC//AMXLS- F-SO//	Fax: DSN 239-3843 Comm: 910-432-3843
AMC/ LOGSA	Ft Campbell, KY	Ch, USALAO, 101st Abn Div, ATTN: AMXLS-F-CA Bldg 2209, Ft Campbell, KY 42223-5000 Msg address: CUSALAO 101ST ABN DIV FT CAMPBELL KY//AMXLS-F-CA//	Fax: DSN 635-3730 Comm: 502-798-3730
AMC/ LOGSA	Ft Hood, TX	Ch, USALAO, 4th ID, ATTN: AMXLS-F-4ID Bldg 4421, Fort Hood TX 76544-5056 Msg address: CUSALAO 4ID FT CARSON CO//AMXLS- F-CR//	Fax: DSN 691-2804 Comm: N/A
AMC/ LOGSA	Ft Drum, NY	Ch, USALAO, 10th Mtn Div, ATTN: AMXLS-F-DR// 18 Lewis Ave, Ft Drum, NY 13602-5039 Msg address: CUSALAO FT DRUM NY//	Fax: DSN 341-4184 Comm: 315-772-4184
AMC/ LOGSA	Ft Eustis, VA	Ch, USALAO, Ft Eustis, ATTN: AMXLS-F-EU Bldg 1608, Ft Eustis, VA 23604-5535 Msg address: CUSALAO FT EUSTIS VA//	Fax: DSN 927-1332 Comm: 804-878-1332
AMC/ LOGSA	Ft Gordon, GA	Ch, USALAO, Ft Gordon, ATTN: AMXLS-F-GN Bldg 10507, Ft Gordon, GA 30905-5664 Msg address: CUSALAO FT GORDON GA//AMXLS-F- GN//	Fax: DSN 780-2296 Comm: 404-791-2296
AMC/ LOGSA	Ft Hood, TX	Ch, USALAO, 13th COSCOM, ATTN: AMXLS-F-CO Bldg 4419, Ft Hood, TX 76544-5056 Msg address: CUSALAO 13 COSCOM FT HOOD// AMXLS-F-CO//	Fax: DSN 737-7917 Comm: 254-287-7917
AMC/ LOGSA	Ft Hood, TX	Ch, USALAO, 1st Cav Div, ATTN: AMXLS-F-1C Bldg 4434, Ft Hood, TX 76544-5056 Msg address: CUSALAO 1ST CAV DIV FT HOOD// AMXLS-F-1C//	Fax: DSN 738-5199 Comm: 254-287-5199
AMC/ LOGSA	Ft Huachuca, AZ	Ch, USALAO, Ft Huachuca, ATTN: AMXLS-F-W-HU Greely Hall, Room 2311 Fort Huachuca, AZ 85613-5000 Msg address: CUSALAO FT HUACHUCA AZ//AMXLS-F- W-HU//	Fax: DSN 879-8257 Comm: 602-538-8257
AMC/ LOGSA	Ft Irwin, CA	Ch, USALAO, Ft Irwin, ATTN: AMXLS-F-IR Bldg 502, Ft Irwin, CA 92310 Msg address: CUSALAO FT IR WIN CA//AMXLS-F-IR//	Fax: DSN 470-4675 Comm: 760-380-4675
AMC/ LOGSA	Ft. Knox, KY	Ch, USALAO, Ft. Knox, ATTN: AMXLS-F-KN, P.O. Box 59, Bldg. 6579, Ft. Knox, KY 40121-0059 Msg address: CUSALAO FT KNOX KY//AMXLS-F-KN	Fax: DSN 464-8326 Comm: 502-624-8326
AMC/ LOGSA	Ft. Leonard Wood, MO	Ch, USALAO, Ft. Leonard Wood, ATTN: AMXLS-F-LW Bldg 5265, Ft. Leonard Wood, MO 65473-5870 Msg address: CUSALAO FT LEONARD WOOD MO// AMXLS-F-LW	Fax: DSN 581-0155 Comm: 314-596-0155
AMC/ LOGSA	Ft Lewis, WA	Ch, USALAO, Ft Lewis, ATTN: AMXLS-F-LE MS 25, Box 339500, Ft Lewis, WA 98433-9500 Msg address: CUSALAO FT LEWIS WA//AMXLS-F-LE//	Fax: DSN 357-7642 Comm: 206-967-8405/7642
AMC/ LOGSA	Ft Polk, LA	Ch, USALAO, Ft Polk, ATTN: AMXLS-F-PK Bldg 414 (PO Box 3928), Ft Polk, LA 71459-0928 Msg address: CUSALAO FT POLK LA//AMXLS-F-PK//	Fax: DSN 863-4811 Comm: 318-531-4811
AMC/ LOGSA	Ft Riley, KS	Ch, USALAO, Ft Riley, ATTN: AMXLS-F-RI, Bldg 8100 Ft Riley, KS 66442-6828 Msg address: CUSALAO FT RILEY KS//AMXLS-F-RI//	Fax: DSN 856-5943 Comm: 913-239-5943

Table 5-2
Logistic Assistance Offices (LAOs)—Continued

Command	Location/Station	Address	FAX Numbers
AMC/ LOGSA	Ft Rucker, AL	Ch, USALAO, Ft Rucker, ATTN: AMXLS-F-RU Bldg 902T, Quartermaster Rd., Ft Rucker, AL 36362-5000 Msg address: CUSALAO FT RUCKER AL//AMXLS-F-RU/ /	Fax: DSN 558-9088 Comm: 334-255-9088
AMC/ LOGSA	Ft Sill, OK	Ch, USALAO, Ft Sill, ATTN: AMXLS-F-SL Bldg 2594, Currie Rd., Ft Sill, OK 73503-6800 Msg address: CUSALAO FT SILL OK//AMXLS-F-SL//	Fax: DSN 639-4226 (Call first) Comm: 405-442-4226
AMC/ LOGSA	Ft Stewart, GA	Ch, USALAO, 3ID/Ft Stewart, ATTN: AMXLS-F-ST, Bldg T286, Ft Stewart, GA 31314-6072 Msg address: CUSALAO 3ID FT STEWART GA// AMXLS-F-ST//	Fax: DSN 870-8684 Comm: 912-767-8684
EUROPE			
AMC/ LOGSA	Seckenheim, GE	Ch, USALAO, Europe, ATTN: AMXLS-E Unit 29331, APO AE 09266 Msg address: CUSALAO EUROPE SECKENHEIM GE// AMXLS-E//	Fax: ETS 370-8145 Comm: 7-011-49-621-487-8145
AMC/ LOGSA	Bad Kreuznach, GE	Ch, USALAO, 1st Arm Div, ATTN: AMXLS-E-BK Unit 24110 Box AMC-LAO, APO AE 09252 Msg address: CUSALAO 1AD BAD KREUZNACH GE// AMXLS-E-BK//	Fax: ETS 490-7090 Comm: 671-609-7090
AMC/ LOGSA	Darmstadt, GE	Ch, USALAO, 94th ADA Bde, ATTN: AMXLS-E-DR APO AE 09175-9500 Msg address: CUSALAO 94th ADA BDE DARMSTADT GE//AMXLS-E-DR//	Fax: ETS 348-7371 Comm: N/A
AMC/ LOGSA	Frankfurt, GE	Ch, USALAO, V Corps, ATTN: AMXLS-E-V Unit 29355, APO AE 09009014 Msg address: CUSALAO (V CORPS) HEIDELBERG E// AMXLS-E-V//	Fax: ETS 375-5422 Comm: 011-49-621-487-8346/5425
AMC/ LOGSA	Kaiserslautern, GE	Ch, USALAO, 21st TAACOM, ATTN: AMXLS-E-TA Bldg 3004, Panzer Kaserne, APO AE 09632 Msg address: CUSALAO (21ST TAACOM) KAISERSLAUTERN GE//AMXLS-E-TA//	Fax: ETS 484-8573 Comm: 49-631-8573
AMC/ LOGSA	Kitzingen, GE	Ch, USALAO, 1st Inf Div, HHC DISCOM, ATTN: AMXLS-E-KZ Unit 26132, APO AE 09031 Msg address: CUSALAO 1ID KITZINGEN, GE//AMXLS- E-KZ//	Fax: Comm: N/A
AMC/ LOGSA	Vicenza, IT	Ch, USALAO, SETAF, ATTN: AMXLS-E-VI Unit 31401, Box 12, APO AE 09630 Msg address: CUSALAO SETAF VICENZA IT//AMXLS- E-VI//	Fax: ETS 634-3935 Comm: 01-39-444-381260
AMC/ LOGSA	Vilseck, GE	Ch, USALAO, 7th ATC, ATTN: AMXLS-E-VL Unit 28038, APO AE 09112 Msg address: CUSALAO 7ATC VILSECK GE//AMXLS-E- VL//	Fax: ETS 476-2876 Comm: 011-49-9662-83-2876
AMC/ LOGSA	Wiesbaden, GE	Ch, USALAO, 3rd COSCOM, ATTN: AMXLS-E-WI Unit 29629, APO AE 09096 Msg address: CUSALAO 3D COSCOM WIESBADEN GE//AMXLS-E-WI//	Fax: ETS 337-5292 Comm: N/A
AMC/ LOGSA	Worms, GE	Ch, USALAO, 5th Sig Cmd, ATTN: AMXLS-E-WO CMR Unit 421, APO AE 09056 Msg address: CUSALAO 5TH SIGCMD WORMS GE// AMXLS-E-WO//	Fax: ETS 380-5416 Comm: N/A
PACIFIC			
AMC/ LOGSA	Seoul, KOR	Ch, USALAO, FAR EAST, ATTN: AMXLS-K Bldg 2680, Yongsan, Unit 15293, APO 96205-0066 Msg address: CUSALAO FAR EAST SEOUL KOREA// AMXLS-K//	Fax: DSN 315-723-5757 Comm: NA
AMC/ LOGSA	Camp Casey, KOR	Ch, USALAO, 2nd Inf Div, ATTN: AMXLS-K-ID Bldg S-2242, Unit 15048, APO AP 96224-0309 Msg address: CUSALAO 2ID TONGDUCHON KOREA// AMXLS-K-ID//	Fax: DSN 730-1147 Comm: N/A

Table 5-2
Logistic Assistance Offices (LAOs)—Continued

Command	Location/Station	Address	FAX Numbers
AMC/ LOGSA	Camp Henry, KOR	Ch, USALAO, 19th TAACOM, ATTN: AMXLS-K-SC Bldg 1621, Unit 15019, APO AP 96218-0175 Msg address: CUSALAO 19TH SUPCOM TAEGU KOREA//AMXLS-K-SC//	Fax: DSN 768-8034 Comm: N/A
AMC/ LOGSA	Camp Humphreys, KOR	Ch, USALAO, Camp Humphreys, ATTN: AMXLS-K-P Bldg S-737, Unit 15228, APO AP 96271-0164 Msg address: CUSALAO PYONGTAEK KOREA// AMXLS-K-P	Fax: DSN 753-6010 Comm: N/A
AMC/ LOGSA	Schofield Barracks, HI	Ch, USALAO, 25th Inf Div, ATTN: AMXLS-P-SB Schofield Barracks, HI 96857-5400 Msg address: CUSALAO SCHOFIELD BRKS HI// AMXLS-P-SB//	Fax: DSN 455-2349/2351 Comm: 808-655-2349
AMC/ LOGSA	Ft Wainwright, AK	Ch, USALAO, Alaska, ATTN: AMXLS-P-AK PO Box 35049, Ft Wainwright, AK 99703-0049 Msg address: CUSALAO FT WAINWRIGHT AK//AMXLS- P-AK//	Fax: DSN 317-353-2305 Comm: 907-353-2305
PANAMA			
AMC/ LOGSA	Corozal, PM	Ch, USALAO, SOUTHCOM, ATTN: AMXLS-F-S Unit 7141, APO 34004 Msg address: CUSALAO SOUTHCOM COROZAL PM// AMXLS-F-S//	Fax: DSN 313-285-4665 Comm: 507-285-4665

FICTITIOUS DATA

EQUIPMENT HISTORICAL AVAILABILITY TRENDS - TABULAR DATA (AR 700-138)

ECC/LIN - FBV13101		NONENCLATURE - TANK COMBAT FT 105 M1, M60A3										RCS DD-M (AR)1155	
COMMAND		HIST AVG	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY
WORLDWIDE ACTIVE ARMY	FMC	90.0	89.3	90.5	91.6	88.6	90.3	88.5	89.3	89.3	92.8		
	NMCS	5.0	6.0	4.4	5.0	5.9	5.5	5.7	5.5	5.5	4.2		
	NMCM	5.0	4.7	5.1	3.4	5.5	4.2	5.8	4.7	4.7	3.0		
	QTY RPD		4400	4240	4385	4410	4425	4425	4500	4500	4510		
FORSCOM	FMC	88.0	87.4	88.9	89.9	86.3	88.5	88.0	86.9	86.9	90.3		
	NMCS	7.0	8.0	6.1	6.5	7.5	6.9	6.1	7.3	7.3	6.2		
	NMCM	5.0	4.6	5.0	3.6	6.2	4.6	5.9	5.8	5.8	3.5		
	QTY RPD		1700	1650	1720	1685	1710	1705	1750	1750	1730		
TRADOC	FMC	81.0	77.2	86.7	84.3	76.7	82.5	73.0	81.3	81.3	89.2		
	NMCS	7.0	8.0	4.5	5.2	7.2	6.4	10.6	6.2	6.2	4.0		
	NMCM	12.0	14.8	8.8	10.5	16.1	11.1	16.4	12.5	12.5	6.8		
	QTY RPD		500	490	510	505	495	500	525	525	515		
USAPAC	FMC	91.0	NO	NO	NO	NO	NO	90.1	93.0	93.0	88.3		
	NMCS	5.0	DATA	DATA	DATA	DATA	DATA	6.9	3.3	3.3	7.7		
	NMCM	4.0						3.0	4.0	4.0	4.0		
	QTY RPD							20	25	25	20		
USAREUR	FMC	95.0	96.0	96.9	94.7	94.8	96.2	93.3	95.4	95.4	96.1		
	NMCS	3.0	2.5	1.9	3.5	3.2	2.4	3.7	2.8	2.8	2.6		
	NMCM	2.0	1.5	1.2	1.8	2.0	1.4	3.0	1.8	1.8	1.3		
	QTY RPD		2000	1925	1975	2025	2015	1990	2000	2000	2030		
EUSA	FMC	57.0	49.4	15.0	94.5	73.1	3.2	78.7	73.1	73.1	88.1		
	NMCS	19.0	25.6	20.9	4.9	16.9	55.0	12.3	18.0	18.0	1.8		
	NMCM	24.0	25.0	64.1	0.6	10.0	41.8	9.0	8.9	8.9	10.1		
	QTY RPD		200	175	180	195	205	210	200	200	215		
USAR	FMC	83.0	75.6	79.8	77.9	94.2	69.6	89.5	87.3	87.3	82.1		
	NMCS	9.0	14.4	15.7	16.0	0.4	20.1	3.1	1.4	1.4	14.0		
	NMCM	8.0	10.0	4.5	6.1	5.4	10.3	7.4	11.3	11.3	3.9		
	QTY RPD		200	210	195	205	190	200	215	215	205		
ARNG	FMC	81.0	80.5	81.0	76.6	84.2	80.2	78.3	83.1	83.1	80.4		
	NMCS	11.0	10.5	12.2	14.0	8.6	11.9	13.9	9.7	9.7	12.2		
	NMCM	8.0	9.0	6.3	9.4	7.2	7.9	7.8	7.2	7.2	7.4		
	QTY RPD		2600	2590	2610	2595	2605	2595	2625	2625	2615		
TOTAL ARMY	FMC	86.0	85.6	86.4	85.7	86.9	85.7	84.4	86.9	86.9	87.4		
	NMCS	8.0	7.9	7.8	8.6	6.9	8.4	9.0	7.7	7.7	7.7		
	NMCM	6.0	6.5	5.8	5.7	6.2	5.9	6.6	5.9	5.9	4.9		
	QTY RPD		7200	7040	7190	7210	7220	7220	7340	7340	7330		

FICTITIOUS DATA

Figure 5-1. Sample of EHAT for ground equipment.

FICTITIOUS DATA

EQUIPMENT HISTORICAL AVAILABILITY TRENDS - TABULAR DATA (AR 700-138)

RCS DD-1&L (AR)

ECC/LIN - ARK31795

NOMENCLATURE - HELICOPTER UTILITY, UH-1H

COMMAND		HIST AVG	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY
WORLDWIDE ACTIVE ARMY	MC	78.0	77.1	79.5	76.1	78.7	78.4	79.2	77.6	79.9
	FMC	77.0	67.8	78.7	74.6	76.9	76.5	77.8	76.3	78.6
	PMC	1.0	9.3	0.8	1.5	1.8	1.9	1.4	1.3	1.3
	NMCS	6.0	4.7	5.6	6.5	5.9	5.5	5.9	5.6	5.3
	NMCM	16.0	18.2	14.9	17.4	15.4	16.1	14.9	16.8	14.8
	QTY RPD		245	836	836	827	829	807	796	752
FORSCOM	MC	78.0	77.0	78.7	74.9	77.9	77.0	78.8	78.9	80.4
	FMC	76.0	64.4	77.5	72.8	75.4	73.8	76.5	77.4	79.1
	PMC	2.0	12.6	1.2	2.1	2.5	3.2	2.3	1.5	1.3
	NMCS	6.0	4.9	5.5	6.7	6.8	5.7	5.5	5.9	5.1
	NMCM	16.0	18.1	15.8	18.4	15.2	17.3	15.7	15.2	14.5
	QTY RPD		83	404	408	407	408	401	423	387
TRADOC	MC	72.0	71.0	68.7	71.0	75.8	70.8	73.6	70.1	71.3
	FMC	70.0	63.8	68.7	68.3	71.6	68.1	73.6	69.9	70.2
	PMC	2.0	7.2	0.0	2.7	4.2	2.7	0.0	0.2	1.1
	NMCS	6.0	5.1	8.6	5.1	5.0	5.4	6.6	5.9	7.7
	NMCM	22.0	23.9	22.8	23.9	19.2	23.8	19.8	14.0	21.0
	QTY RPD		49	36	38	38	39	41	42	44
USAPAC	MC	76.0	74.6	76.4	65.3	76.9	77.8	79.2	79.4	76.6
	FMC	73.0	69.7	74.0	58.8	72.9	76.1	78.7	76.0	74.7
	PMC	3.0	4.9	2.4	6.5	4.0	1.7	0.5	3.4	1.9
	NMCS	8.0	15.1	6.3	11.4	8.8	9.1	8.4	6.4	9.8
	NMCM	16.0	10.3	17.3	23.3	14.3	13.1	12.4	14.2	13.6
	QTY RPD		3.0	37	36	35	35	40	42	43
USAREUR	MC	80.0	75.4	80.1	80.4	80.4	81.2	81.0	77.0	81.7
	FMC	80.0	62.4	80.0	80.4	80.1	81.1	80.8	76.8	80.5
	PMC	0.0	13.0	0.1	0.0	0.3	0.1	0.2	0.2	1.2
	NMCS	5.6	5.6	5.9	5.2	4.6	5.0	5.8	5.2	3.8
	NMCM	15.0	19.0	13.2	14.4	15.0	13.8	13.8	17.8	14.5
	QTY RPD		53	271	269	271	261	249	220	209
EUSA	MC	79.0	87.9	86.9	75.5	78.4	79.8	77.5	74.3	78.1
	FMC	78.0	87.9	85.9	75.5	77.4	79.8	77.4	74.3	78.1
	PMC	1.0	0.0	1.0	74.1	1.0	0.7	0.1	0.0	0.0
	NMCS	5.0	0.0	3.7	1.4	4.8	3.9	7.5	5.2	6.4
	NMCM	16.0	12.1	9.4	7.2	16.8	15.6	14.7	20.5	15.5
	QTY RPD		5	80.0	17.3	78	78	68	61	61
USAR	MC	80.0	72.5	82.0	80.9	80.6	80.4	82.0	76.8	79.2
	FMC	70.0	56.9	81.7	73.5	66.4	66.0	68.1	64.9	68.4
	PMC	10.0	15.6	0.3	7.4	14.2	14.4	13.9	11.9	10.8
	NMCS	8.0	11.5	8.4	6.3	7.1	6.1	8.5	8.9	7.5
	NMCM	12.0	16.0	9.6	12.0	12.3	13.5	9.5	14.3	13.3
	QTY RPD		38	92	89	89	90	81	86	88
ARNG	MC	77.0	82.9	78.5	72.9	76.8	78.7	77.4	75.2	74.6
	FMC	75.0	78.0	75.9	71.3	74.4	77.3	77.0	71.9	70.5
	PMC	2.0	4.9	2.6	1.6	2.4	1.4	0.4	3.3	4.1
	NMCS	7.0	2.1	6.2	8.1	7.0	6.0	6.5	8.0	7.3
	NMCM	16.0	15.0	15.3	19.0	16.2	15.3	15.1	16.8	18.1
	QTY RPD		104	452	459	457	464	473	465	463
TOTAL ARMY	MC	78.0	78.2	79.4	75.4	78.2	78.7	79.1	76.7	78.0
	FMC	76.0	69.4	78.0	73.4	75.4	76.1	77.0	74.0	75.0
	PMC	2.0	8.8	1.4	2.0	2.8	2.6	2.1	2.7	3.0
	NMCS	6.0	4.7	6.0	6.9	6.3	5.7	6.3	6.7	6.2
	NMCM	16.0	17.1	14.6	17.7	15.5	15.6	14.6	16.6	15.8
	QTY RPD		387	1377	1377	1375	1297	1353	1339	1295

FICTITIOUS DATA

Figure 5-2. Sample of EHAT for aircraft equipment.

FICTITIOUS DATA

UNIT EQUIPMENT STATUS AND SERVICEABILITY REPORT (U)

(CONSOLIDATION)

RCS CSGLD-1237 (AR 700-138)

REPORT PERIOD MONTH/QUARTER FY

ORGANIZATION 82d AIRBORNE DIV

SEQ	NOUN	ECC/LIN	HIST AVG	TOT CMD FMC	NMCS AVG	TOT CMD NMCS	NMCM AVG	TOT CMD NMCM	PERCENT ORG NMCS	PERCENT SPT NMCS	EQP AUTH	EQP O/H	POSS EQUIP DAYS	FMC EQUIP DAYS
01	MORTAR	DBM68008	93	100	2	0	5	0	0	0	1	2	62	62
01A	MORTAR	DBM68008	93	100	2	0	5	0	0	0	0	1	31	31
01B	MORTAR	DBM68008	93	100	2	0	5	0	0	0	1	1	31	31
03	HOWITZER	GAK57667	87	0	5	0	8	100	0	100	1	1	31	0
04	CARR MOR	GBD10741	85	0	0	0	9	0	0	0	1	0	0	0
06	VEH RECY	GFR50681	74	100	17	0	9	0	0	0	1	1	31	31
07	CARR PER	GLD12087	87	19	5	0	8	81	0	0	2	2	62	12
08	CARR GM	GRD11049	90	100	5	0	8	0	0	0	1	1	31	31
	TOTAL		71		0		29	0	0	0			279	198

FICTITIOUS DATA

Figure 5-3. Sample of a consolidated UESSR for ground equipment.

UNIT EQUIPMENT STATUS AND SERVICEABILITY REPORT (U)
(CONSOLIDATION)

Figure 5-4. Sample of a consolidated UESSR for aircraft equipment.

FICTITIOUS DATA

Figure 5-5. Sample of UESSR for individual unit ground and missile equipment.

FICTITIOUS DATA

UNIT EQUIPMENT STATUS AND SERVICEABILITY REPORT (U) REPORT PERIOD MONTH/QUARTER FY

INDIVIDUAL UNIT REPORTS

TOE 02145F500

UNIT 224AV BN HHC WELPAA

SEQ	MOUN	MODEL	ECC/LIN	HIST AVG	TOT CMD MC	TOT CMD PMC	TOT CMD PMC AVG	NMCS AVG	TOT CMD NMCS	NMCM AVG	TOT CMD AVUM	TOT CMD AVIM	TOT DEPOT HRS	EQP AUTH	EQP O/H	POSS EQP HRS	FMC EQP HRS	PMC EQP HRS
01	HCPT ATK	AH-1S	ARK29694	69	79	76	3	9	6	9	10	1	902	7	41	28618	21850	763
02	HCPT ECM	EH-1H	ARK30548	60	100	100	0	5	8	0	0	0	0	1	2	1440	1440	0
03	HCPT OBS	OH-58A	ARK31042	65	82	82	0	6	5	0	12	6	0	2	15	10800	8819	0
04	HCPT OBS	OH-58C	ARK31110	72	86	86	0	5	5	6	20	21	0	2	32	23040	19868	0
05	HCPT UTL	UH-1H	ARK31795	77	80	79	1	4	3	9	8	3	0	0	26	18720	14747	205
06	HCPT UTL	UH-60A	ARK32293	77	80	78	1	4	3	8	12	0	136	0	15	10664	8344	145
TOTAL					82	80	1		7		9	3				93282	75068	1113

FICTITIOUS DATA

Figure 5-6. Sample of a UESSR for individual unit aircraft equipment.

FICTITIOUS DATA

SELECTED COMMAND UNIT REVIEW (U)
RCS DRCRE-302

MATERIEL READINESS COMMAND: TACOM
REPORT PERIOD: MONTH/QUARTER FY

NOMENCLATURE Tank, CBT, FT, 105mm

ECC/LIN FBV13101 MODEL M60A3

NSN 2350-00-148-6548

HIST AVG: FMC-86 NMCS-7 NMCM-7

LISTING CRITERIA: BELOW DA 90% GOAL

UIC	UNIT DESIGNATION	DIV/BDE/REG	COMMAND	LOCATION	UTIL CD	TOTAL FMC	TOTAL NMCS	TOTAL NMCM	ON HAND EOP	EOS P S	PREVIOUS 8 M/Q TRENDS 87654321
WAP9AA	9 AR SQ 02 LESS TRP C	24TH INFANTRY DIV	FORSCOM	FT STEWART	0	76.0	8.3	15.7	24	M	14123121
WH4GAA	67 AR BN 03 TANK	2D ARMORED DIV	FORSCOM	FT HOOD	0	83.2	5.1	11.7	54	S	44111211
WACBAA	67 AR BN 01 TANK	2D ARMORED DIV	FORSCOM	FT HOOD	0	78.6	14.6	6.8	54	M	3323111
WAGSAA	8 AR BN 01 TANK	1ST CAVALRY DIV	FORSCOM	FT HOOD	0	79.2	16.0	4.8	45	S	22334111
WG2NAA	3 AR SQ 03 CAVALRY	3D ARMORED CAV REGT	FORSCOM	FT BLISS	0	80.0	6.5	13.5	53	M S	44211111
WDF2AA	5 AR SQ 03 AIR CAVALRY	3D ARMORED CAV REGT	FORSCOM	FT BLISS	0	82.3	13.2	4.5	2	M C	44423121
WOUX4B	6047 CONSOL SUPPLY ACT	TRADOC UNITS	TRADOC	FT KNOX	4	81.7	12.0	6.3	24	S	32311411
WALNAA	4 AR SQ 03 AIR CAV LESS TR	25TH INFANTRY DIV	WESTCOM	SCHOFLD B	0	69.5	5.7	24.8	12	S	43221121
WANCAA	703 CS BN DIV MAINT	3D INF DIV MECH	USAREUR	KITZINGEN	4	76.2	12.3	11.5	24	M	22351111
WAJY01	702 CS BN STK REC ACCT	2D INF DIV	EUSA	CP CASEY	4	68.7	15.0	16.3	12	S	44443324

FICTITIOUS DATA

Figure 5-7. Sample of a SCUR for ground equipment.

FICTITIOUS DATA

(C) SELECTED COMMAND UNIT REVIEW (U)
RCS DRCRE-302

NOMENCLATURE HELICOPTER ATTACK

MATERIEL READINESS COMMAND: AVSCOM
REPORT PERIOD: MONTH/QUARTER FY

ECC/LIN ARK29694 MODEL AH-1S

NSN 1520-00-504-9122

HIST AVG: MC-80 FMC-79 PMC-1 NMCS-7 AVUM-10 AVIM-3

LISTING CRITERIA: BELOW DA 75% TOTAL

UNIT		DIV/BDE/REG	COMMAND	LOCATION	UTIL CD	TOT	TOT	TOT	TOT	TOT	TOT	TOT	TOT	TOT	O/H EQP	PMC CODES	PREVIOUS 8 MTH TRENDS 87654321
UIC	DESIGNATION					MC	FMC	PMC	NMCS	AVUM	AVIM	DEPOT					
WABJAA	319TH FA BN	82D AIRBORNE	FORSCOM	FT BRAGG	0	54	54	0	18	26	2	0	7	W		14123121	
WDU2AA	268TH AR BN	9TH ID	FORSCOM	FT LEWIS	0	57	57	0	18	20	5	0	10	C		44111211	
WDF2AA	5TH AR SQ 3D AIR CAV	9TH ID	FORSCOM	FT LEWIS	0	58	58	0	0	42	0	0	2	B		3323111	
WDX5AA	214TH AR BN	9TH ID	FORSCOM	FT LEWIS	0	67	67	0	8	19	6	322	8	E		22334111	
WG2FAA	2D AR TRP	2D AR CAV REGT	USAREUR	USAREUR	0	68	68	0	0	32	0	0	1	A		44211111	
WG2KAA	3D AR TRP	3D AR CAV REGT	TRADOC	FT BLISS	0	69	65	1	20	10	1	0	13	K		44423121	
WG2NAA	3D AR SQ	3D AR CAV REGT	TRADOC	FT BLISS	0	73	51	22	15	10	2	0	12	F		32311411	
WH6HAA	5TH AV BN	5TH ID	FORSCOM	FT POLK	0	66	66	0	5	9	20	0	20	M		43221121	
WH6GAA	4TH AV BN	4TH ID	FORSCOM	FT CARSON	0	71	71	0	0	28	1	0	4	L		22351111	
WH6JAA	1ST AV BN	1ST ID	FORSCOM	FT RILEY	0	52	52	0	22	0	26	0	5	J		44443324	

FICTITIOUS DATA

Figure 5-8. Sample of a SCUR for aircraft equipment.

PRODUCT NB3G8P01 PCN E14QEJ6104M		ARMY AIRCRAFT SERIES SUMMARY BY COMMAND										C/O JUN		PAGE	
MDS	COMMAND	ARMY-AREA	NO OF ACFT	HOURS ON HAND	HOURS	MC	FMC	PMCS	HOURS NMCS	HOURS NMCM	HOURS NMCM	HOURS NMCM	HOURS NMCM	HOURS DEPT	HOURS FLOWN
OH58C	FORSCOM	1ST ARMY	4	2976	2622		2622		242		112			67	
OH58C	FORSCOM	5TH ARMY	126	58776	43779		43490		2231		103		12663	451	
OH58C	FORSCOM	6TH ARMY	29	15624	12064		12005		1309		1367		884	336	
OH58C	TECOM	2ND ARMY	3											9	
OH58C	EUROPE	6TH ARMY	1												
OH58C	EUROPE	GERMANY	102	23808	20267		20267		360		3181			190	
OH58C	USAR	1ST ARMY	1												
OH58C	USAR	5TH ARMY	16	11160	8256		5395		709		2195			76	
OH58C	ARNG	1ST ARMY	18	13392	7801		7801		2548		3043			298	
OH58C	ARNG	5TH ARMY	6	4464	1652		1652		337		374		1968	52	
TOTAL PERCENT			425	148800	112982	75.9%	109773	73.7%	8212	5.5%	24246	16.2%	2852	1648	
* OPERATIONAL DATA EXCLUDED FROM TOTAL PERCENT PER DA DIRECTION															
OH58D			36												
OH58D	FORSCOM	2ND ARMY	42	23808	20668		20603		65		13		623	2494	222
OH58D	FORSCOM	5TH ARMY	21	9494	4340		3945		1257		182		3624	91	388
OH58D	TRADOC	1ST ARMY	9												
OH58D	TECOM	2ND ARMY	1												
OH58D	TECOM	6TH ARMY	1											11	
OH58D	EUROPE		15	11160	9015		8811		204		1238		247	370	
OH58D	EUROPE	2ND ARMY	31												
OH58D	EUROPE	GERMANY	8	5208	3483		3483		212		1513			228	
OH58D	8TH ARMY	KOREA	1	744	730		730				14			30	

Figure 5-9. Sample of Gold Book—Aircraft summary by command.

FICTITIOUS DATA

PRODUCT NB3GBP02				PCN E14QEJ6094M				ARMY AIRCRAFT SUMMARY BY ORGANIZATION										C/O JUN		PAGE	
MDS	ORGANIZATION	STATION COMMAND	ST ARMY-AREA	NO OF A/C	HOURS ON HAND	HOURS MC	HOURS FMC	HOURS PMC	HOURS NMCS	HOURS NMCM AVIM	HOURS NMCM AVUM	HOURS DEPOT	HOURS FLOWN								
OH580	AV 01 SODAIR RE	FT BRAGG	NC	17	11160	8557	8557			4	319	2280	123								
	TOTAL			17	11160	8557	8557			4	319	2280	123								
						76.6	76.6			.2	2.8	20.4									
UH60A	MD 00 CO AIR AM	FT BRAGG	NC	15	9672	8239	8132	107	248		566	619	194								
	TOTAL			15	9672	8239	8132	107	248		566	619	194								
						85.1	84.0	1.1	2.5		6.1	6.3									
C 12C	AV 01 BN CMD AV	FT BRAGG	NC	5																	
UH 1H	AV 01 BN CMD AV	FT BRAGG	NC	17																	
	TOTAL			17																	
UH60L	AV 01 BN CMD AV	FT BRAGG	NC	3																	
	TOTAL			25																	
EH60A	AV 02 BN ASLT H	FT BRAGG	NC	3	2232	2232	900	1332					14								
	TOTAL			3	2232	2232	900	1332					14								
UH60L	AV 02 BN ASLT H	FT BRAGG	NC	36	26040	21852	21436	416	305	71	3016	796	314								
	TOTAL			39	28272	24084	22336	1748	305	71	3016	796	328								
						85.1	79.0	6.1	1.0	.5	10.6	2.8									
EH60A	AV 02 BN ASLT H	FT BRAGG	NC	1																	
	TOTAL			1																	
AH64A	AV 01 BN ATK HE	FT BRAGG	NC	18																	
	TOTAL			18																	
UH60A	AV 01 BN ATK HE	FT BRAGG	NC	3																	
	TOTAL			21																	
AH64A	AV 00 CO I AVN	FT BRAGG	NC	1																	
	TOTAL			1																	
OH58C	AV 00 CO I AVN	FT BRAGG	NC	2																	
	TOTAL			2																	
OH58D	AV 00 CO I AVN	FT BRAGG	NC	1																	
	TOTAL			1																	
UH 1H	AV 00 CO I AVN	FT BRAGG	NC	2	1488	1257	1257				61	170	22								
	TOTAL			2	1488	1257	1257				61	170	22								

Figure 5-10. Sample of Gold Book—Aircraft by organization.

F I C T I T I O U S D A T A

PRODUCT N84APB01			PCN E14QEJ5094M		SUMMARY-ARMY AIRCRAFT STATUS REPORT BY MDS PHASE I										C/O	AUG	PAGE
A/C MISSION DESIGN-SERIES	NO ACFT	HOURS FLOWN	PERCENT MC	PERCENT FMC	PERCENT PMC	PERCENT NMCS	PERCENT NMCM-AVIM	PERCENT NMCM-AVUM	PERCENT DEPOT								
OH 6A																	
TOTAL W-W	173	1437	75.0	74.0	1.0	1.0	.0	24.0	.0								
ACTIVE ARMY			.0	.0	.0	.0	.0	.0									
USAR			.0	.0	.0	.0	.0	.0									
USARNG	173	1437	75.0	74.0	1.0	1.0	.0	24.0	.0								
* TNG CNTR			.0	.0	.0	.0	.0	.0									
OH58A																	
TOTAL W-W	973	18855	76.0	75.0	1.0	5.0	1.0	14.0	4.0								
ACTIVE ARMY	252	2488	80.0	78.0	1.0	5.0	1.0	14.0	2.0								
USAR	81	854	67.0	67.0	.0	4.0	.0	18.0	11.0								
USARNG	571	12420	77.0	75.0	1.0	5.0	2.0	14.0	6.0								
* TNG CNTR	69	3093	51.0	51.0	.0	12.0	28.0	6.0	3.0								
OH58C																	
TOTAL W-W	539	4942	81.0	80.0	1.0	3.0	3.0	10.0	3.0								
ACTIVE ARMY	518	3877	81.0	80.0	1.0	3.0	3.0	10.0	3.0								
USAR	2	9	77.0	77.0	.0	.0	.0	23.0	.0								
USARNG			.0	.0	.0	.0	.0	.0	.0								
* TNG CNTR	19	1056	59.0	59.0	.0	10.0	25.0	6.0	.0								
OH58D																	
TOTAL W-W	271	1498	83.0	75.0	9.0	9.0	2.0	6.0	.0								
ACTIVE ARMY	232	861	83.0	75.0	9.0	9.0	2.0	6.0	.0								
USAR			.0	.0	.0	.0	.0	.0	.0								
USARNG			.0	.0	.0	.0	.0	.0	.0								
* TNG CNTR	39	637	53.0	53.0	.0	12.0	20.0	15.0	.0								
OH58																	
TOTAL W-W	1783	25295	78.0	76.0	2.0	4.0	1.0	13.0	4.0								
ACTIVE ARMY	1002	7226	81.0	79.0	2.0	4.0	2.0	11.0	2.0								
USAR	83	863	67.0	67.0	.0	4.0	.0	18.0	11.0								
USARNG	571	12420	77.0	75.0	1.0	5.0	2.0	14.0	6.0								
* TNG CNTR	127	4786	53.0	53.0	.0	12.0	25.0	8.0	2.0								

* OPERATIONAL DATA EXCLUDED FROM W/W TOTAL PER DA DIRECTIVE

F I C T I T I O U S D A T A

FICTITIOUS DATA

PRODUCT NB4AP802 PCN E14QEJ1014M			ARMY AIRCRAFT SUMMARY BY MAJOR COMMAND (MDS DETAIL)										C/O	AUG	PAGE
A/C MISSION, DESIGN, SERIES UN60A															
COMMAND	NO ACFT	HOURS FLOWN	PERCENT MC	PERCENT FMC	PERCENT PMC	PERCENT NMCS	PERCENT NMCM-AVIM	PERCENT NMCM-AVUM	PERCENT DEPOT						
*SUBTOTAL	174	1907	75	73	2	3	6	12	4						
JAPAN	3	65	66	66		25	1	8							
8TH ARMY	95	1270	79	79		2		14	5						
USAPAC	28	432	83	79	3	5		12							
*SUBTOTAL	126	1767	79	78	1	4		13	4						
USARSO	40	690	79	79		2		15	4						
*SUBTOTAL	40	690	79	79		2		15	4						
RESV	46	685	74	74		9	2	9	6						
*SUBTOTAL	46	685	74	74		9	2	9	6						
NAT'L GU	80	1158	48	43	4	12	2	28	10						
*SUBTOTAL	80	1158	48	43	4	12	2	28	10						
AVSCOM	39	5													
*SUBTOTAL	39	5													
**GRAND TOTAL		914	12155	68	66	2	5	3	15	9					
TRADOCTC * OPERATIONAL DATA EXCLUDED FROM GRAND TOTAL PER DA DIRECTION															

FICTITIOUS DATA

Figure 5-12. Sample of Grey Book—Aircraft summary by major command.

FICTITIOUS DATA

PRODUCT NB3GJ801 PCN E14QJ5234M MANAGERS OVERVIEW BY SYSTEM C/O 95181 PAGE
 ACFT MD OH58 PART I INVENTORY STATUS SUMMARY MONTH OF JUNE

INVENTORY RECAP-----STRATIFICATION OF NON ASGN ACFT (SEE AR 700-138)-----											
ASGN UNITS	ASGN FLOAT	NON ASGN	TOTAL INV	TRNRS (D)	TEST SPT (E-G)	BAIL LOAN (H-J)	AMAIT ING DLVR (K)	DEPOT MAINT (N)	SERV STOR (S-1)	THEATER RES (S2)	AMAIT ING DISPOSAL (S-6)
1052	41	296	1389	143	8	4	49	9	71		12

PART II OPERATIONAL READINESS

WORLDWIDE DA STANDARD MC 80 FMC 75 NMCS 10 NMCM 10

PHC CODE	FORSCOM		TRADOC		EUROPE		PACIFIC		MISC		RESERVE		WORLD WIDE TOTAL		
	CONUS	*TNG CNTR	OTHER	TOTAL	EUROPE	O/OS	KOREA	O/PAC ALASKA	HAWAII	TOTAL	AMC USARSO	OTHER CHDS		USARNG	USAR
MC ACT	77				82		86		78	78		81	71	79	74
FMC ACT	77				82		86		78	78		79	69	69	(74)
NMCS ACT	4				2		2		15	15		6	9	9	7
NMCM ACT	16				16		12		7	7		11	19	12	18
DEPOT ACT	3											2	1		1
PHC ACT C												1			
D													1	9	
-															
HRS FLN	1648				418		575		511	511	20	417	9312	366	12642
NR. ACFT	308				11	11	51		30	30	5	221	591	62	1389
NMCS WW %	11				1		2		6	6		1	73	6	96

1. NON ASGN - READINESS NOT COMPUTED FOR THESE AIRCRAFT. FICTITIOUS DATA
2. SEE AR 700-138 FOR DA OPERATIONAL STANDARDS.
3. SEE DRCRE-304, 305, OR 306 FOR DETAILED INVENTORY.

* OPERATIONAL DATA EXCLUDED FROM WORLD WIDE TOTAL PER DA DIRECTION

Figure 5-13. Sample of Project Manager Overview by aircraft system.

FICTITIOUS DATA

PRODUCT NB3GJB01 PCN E140EJ5234M			MANAGERS OVERVIEW BY SYSTEM													C/O	95181	PAGE
ACFT MD OH58			PART III CONUS INSTALLATION / LOCATION READINESS															
INSTALLATION	STATE	NR. ACFT	OPERAT	NON ASGN	MC	FMC	NMCS	NMCM	DEPOT	HRS FLWN	% OF CONUS NMCS	MONTH OF	JUNE					
MONTGOMRY	AL	2	2		77	77		23		54			ARNG					
FT RUCKER	AL	5	4	1									FORSCOM					
PHOENIX	AZ	32	14	18	65	65	25	10		227		292	ARNG					
CPROBNSON	AR	13	13		83	83		8	9	395		15	ARNG					
SACRAMNTO	CA	33	33		74	74	6	20		795		744	ARNG					
GOLDEN	CO	13	13		86	86	11	3		64		511	ARNG					
WILMINGTN	DE	6	6		91	91		9		308			ARNG					
WASHINGTON	DC	3	2	1	69	44	22	9		27		163	ARNG					
ST AUGUST	FL	14	14		90	90		10		281			ARNG					
ATLANTA	GA	4	2	2	45	45		55		59			ARNG					
GOWEN FLD	ID	14	14		68	68	11	21		308		589	ARNG					
INDIANPLS	IN	4		4									ARNG					
TOPEKA	KS	6	6		81	81		19		6			ARNG					
FRANKFORT	KY	1	1		99	99			1	31			ARNG					
JACKSN BK	LA	15	13	2	59	59	10	11	20	131		493	ARNG					
CP KEYES	ME	2	1	1	100	100				23			ARNG					
HVR D GRC	MD	23	21	2	55	55	19	22	4	241		510	ARNG					

NON ASGN - READINESS NOT COMPUTED FOR THESE AIRCRAFT.

FICTITIOUS DATA

Figure 5-14. Sample of Project Manager Overview by system location.

Chapter 6 Logistics Assessment Program

6-1. General

a. This chapter describes the Office of the Deputy Chief of Staff for Logistics (ODCSLOG) analytical focus to be conducted by the

Directorate for Plans and Operations and the United States Army Logistics Integration Agency (USALIA). The focus is based on the assessment requirements of the Logistics annex to the Joint Strategic Capabilities Plan (JSCP) and includes those analyses necessitated by the Joint Monthly Readiness Review (JMRR) Process. USALIA uses the application of studies and methodologies to identify logistics

readiness and sustainment shortfalls and to provide options for solutions.

b. Army logistics readiness and sustainability assessments and the evaluation of operational plans are within this program and described in the following pages.

6-2. Army logistics readiness and sustainability analysis

a. General. This section addresses overall policies and procedures for conducting comprehensive assessments of Army capabilities to sustain forces for contingency and crisis operations. Scope of effort includes Active Army, Army National Guard, and U.S. Army Reserve units. This section also applies to joint studies/analyses of sustainment issues for combined forces.

b. Policies and procedures.

(1) Sustainment analysis will normally be provided using a structured computer assisted analytical process developed to assess the present and or future capability of the logistics system to sustain deployed forces engaged in combat or Operations Other Than War (OOTW). Outlines contained in Commander in Chief (CINC) Time Phased Force Deployment Data (TPFDD) letter of instruction (LOI), The Defense Planning Guidance (DPG) or direction from the Director, Plans and Operations, ODCSLOG, dictate the individual scenarios and timeframes to be assessed. The goal of assessments is to predict the degree of readiness and sustainability that can be provided to Army forces under specified scenarios in a wartime or OOTW environment.

(2) Other specified logistics sustainability assessments can be conducted for specialized forces or scenarios as directed by the HQDA DCSLOG; or as requested by the Army component logistics planners responsible for planning or programming support capabilities. Simulation related analyses will be performed for individual classes of supply, theaters, or forces as required. Range of sustainment assessments includes unit materiel onhand, starter and swing war reserves stocks, prescribed loads, operating stocks and projected wholesale resupply. Selective analyses of subsets of the range of analyses options are performed as required.

(3) The Directorate for Plans and Operations (DCSOPS) will conduct periodic review of "critical support enablers" in support of the Joint Monthly Readiness Review (JMRR) process. The USALIA will support the DCSOPS in the accomplishment of this effort.

(4) Logistics sustainment analysis will be conducted to assess the adequacy of logistics planning guidance contained in OPLANS with emphasis on Army and other service sustainability planning. These analyses will be integrated with force composition analyses performed for evaluation of OPLANS as shown in paragraph 6-3.

(5) USALIA will develop new methodologies and automated models to identify sustainment shortfalls and risks, project budget requirements and provide data for individual forces and scenarios. Participate in effort to improve the national sustaining and industrial base.

(6) USALIA will coordinate analyses and results with DOD, JCS, Army major commands, component commands, ARSTAF, ODCSLOG staff, other services, unified commands, and other allied commands as appropriate to the study parameters and results.

6-3. Logistics evaluation of operational plans.

a. General. This section prescribes the policies and procedures for performing a logistical evaluation of OPLANS in fulfillment of the HQDA DCSLOG ARSTAF responsibilities (AR 10-5) to review the adequacy and feasibility of operations plans, contingency plans and military operations other than war (MOOTW). A comprehensive logistics analysis of OPLANS for various theaters is conducted by USALIA according to the joint staff schedule and ODCSLOG selection. This real-time evaluation is performed to assess logistics supportability, adequacy of logistics force structure, and enhance logistics planning efforts. Recommendations to enhance logistics readiness and improve the logistics portions of OPLANS are made throughout the planning cycle so that improvements can be incorporated as required. The primary objectives of this effort are as follows:

(1) Advise the Army component commands and DA, DCSLOG on logistics supportability of the OPLAN under review.

(2) Assist the Army component command during all OPLAN development phases in identifying and resolving specific logistics problem areas for all facets of logistics.

(3) Evaluate adequacy of the planned logistics force structure and unit deployment schedules to provide the logistics capability required to support the deploying forces throughout the operational scenario.

(4) Identify systemic logistics planning problems (common problem areas) among various OPLANS.

(5) Enhance logistics consistency of OPLANS.

(6) Serve as a source of planning expertise for the ODCSLOG so that these skills are available during real time crisis actions.

(7) Maintain a central repository of OPLANS and supporting logistical analysis skills.

(8) Identify areas for and conduct research and development of OPLAN development support procedures, tools and systems.

b. Policies and procedures.

(1) The USALIA will coordinate with the ODCSLOG Director of Plans and Operations to determine which theater OPLANS will be evaluated. More than one plan may be scheduled for evaluation concurrently. Each plan selected will be analyzed systematically during various phases of plan development. The results of these analyses will be provided to the Army component command as soon as completed. This approach permits Army component commanders to effectively use the results of the USALIA evaluation.

(2) As Army OPLANS progress through their planning cycle, USALIA together with the component command will determine what analyses are appropriate for that stage of the planning cycle. In general, analysis will focus on the following three primary aspects of plans with concomitant increases in detail provided as the plan matures.

(a) Logistics force structure and deployment.

(b) Logistics planning guidance for all functions of logistics.

(c) Functional logistics support capabilities and constraints.

(3) Extensive logistical analyses will be performed for each OPLAN under consideration. To provide a detailed evaluation, USALIA methodology will include both automated data systems and manual review of plans. Local data bases and locally developed automated tools as well as existing external data bases, analytic tools and reports will be used in the logistics evaluation process.

(4) The results of the analyses will be documented in a detailed evaluation report for each OPLAN reviewed. Army component commanders will be provided a copy of the report prior to finalizing the logistics evaluation.

(5) A summary of the final report will be prepared by USALIA and furnished to the ODCSLOG, Director of Plans and Operations.

Appendix A References

Section I Required Publications

AR 25-400-2

The Modern Army Recordkeeping System (MARKS) (Cited in para 2-7.)

AR 220-1

Unit Status Reporting. (Cited in paras 1-1, 1-4, 1-7, 1-9, 2-1, 3-2, and 4-4.)

AR 750-1

Army Materiel Maintenance Policy and Retail Maintenance Operations. (Cited in paras 1-5, 2-6, and 5-3.)

DA Pam 738-750

Functional Users Manual The Army Maintenance Management System (TAMMS). (Cited in paras 1-5, 2-3, 2-6, and 5-3.)

DA Pam 738-751

Functional Users Manual for the Army Maintenance Management System--Aviation (TAMMS-A). (Cited in paras 1-5 and 1-9.)

SB 700-20

Army Adopted/Other Items Selected for Authorization/List of Reportable Items. (Cited in paras 1-9 and 2-5.) Stocked and issued by USAMC Catalog Data Activity, ATTN: AMXCA-DC, New Cumberland, PA 17070-5010.

Section II Related Publications

AR 11-1

Command Logistics Review Program(CLRP)

AR 11-2

Management Control

AR 18-25

Army Tactical Management Information System Readiness Criteria

AR 40-61

Medical Logistics Policies and Procedures

AR 58-1

Management, Acquisition, and Use of Administrative Use Motor Vehicles

AR 71-2

Basis of Issue Plans (BOIP)Qualitative and Quantitative Personnel Requirements Information(QQPRI)

AR 310-49

The Army Authorization Documents System (TAADS)

AR 310-50

Authorized Abbreviations and Brevity Codes

AR 335-15

Management Information Control System

AR 380-5

Department of the Army Information Security Program

AR 380-19

Information Systems Security

AR 570-7

Equipment Management: Equipment Survey Program

AR 672-20

Incentive Awards

AR 700-4

Logistics Assistance Program

AR 700-9

Policies of the Army Logistics System

AR 700-18

Provisioning of U.S. Army Equipment

AR 700-22

Worldwide Ammunition Reporting System (WARS)

AR 700-65

Nuclear Weapons and Nuclear Weapons Materiel

AR 700-88

Commercial Design Vehicles FSC Class 2300

AR 700-90

Army Industrial Base Program

AR 700-139

Army Warranty Program Concepts and Policies

AR 702-7

Product Quality Deficiencies Report Program Across Component Lines

AR 702-7-1

Reporting of Product Quality Deficiencies Within the U.S. Army

AR 708-1

Cataloging and Supplies and Equipment Cataloging and Supply Management Data

AR 710-1

Centralized Inventory Management of the Army Supply System

AR 710-2

Inventory Management Supply Policy Below the Wholesale Level

AR 710-3

Asset and Transaction Reporting System

AR 725-50

Requisition, Receipt, and Issue System

AR 740-1

Storage and Supply Activity Operations

DA Pam 25-30

Consolidated Index of Army Publications and Blank Forms

DA Pam 710-2-1

Using Unit Supply System(Manual Procedures)

DA Pam 710-2-2

Supply Support Activity Supply System: Manual Procedures

DODI 3110.5

Materiel Condition Reporting for Mission-Essential Systems and Equipment

JANAP 128

Automatic Digital Network Operating Procedures

JCS Publication 6, volume 2, part 1, chapter 6

SB 708-43

Cataloging Handbook H4/H8 Commercial and Government Entity
(CAGE) Section C&D

TB 9-100-803-15

Army Nuclear Weapons Equipment Reporting Procedures

TB 38-750-2

Maintenance Management Procedures for Medical Equipment

TB 43-0106

Aeronautical Equipment, Army Oil Analysis Program (AOAP)

Section III

Prescribed Forms

DA Form 1352

Army Aircraft Inventory, Status and Flying Time Report.
(Prescribed in para 3-2.)

DA Form 1352-1

Daily Aircraft Status Record. (Prescribed in para 3-2.)

DA Form 2406

Materiel Condition Status Report. (Prescribed in para 2-3.)

DA Form 3266-1

Army Missile Materiel Readiness Report. (Prescribed in para 4-1.)

DA Form 3266-2-R

Missile Materiel Condition Status Report Worksheet. (Prescribed in
para 4-1.)

Section IV

Referenced Forms

DA Form 200

Transmittal Record

DA Form 2404

Equipment Inspection and Maintenance Worksheet

DA Form 2407

Maintenance Request

DA Form 2408-12

Army Aviator's Flight Record

DA Form 2408-13

Aircraft Inspection and Maintenance Record

DA Form 2715-R

Unit Status Report

DA Form 5990-E

Maintenance Request(Automated)

DD Form 314

Preventive Maintenance Schedule and Record

DD Form 1392

Data Messageform

SF 368

Product Quality Deficiency Report(PQDR)

Appendix B
Department of the Army List of Items/Systems for
DA Form 2406, DA Form 1352, and DA Form 3266-1
Reports

Section I
List of Reportable Items for DA Form 2406

When filling out DA Form 2406, list the exact ECC/LIN and model for item that is being reported. Leave dashes, slashes, and spaces out of the model numbers and NSNs on the DA Form 2406.

Table B-1
List of ground equipment for DA Form 2406

ECC	LIN	EIC	Nomenclature	Abbreviation	Model number	NSN
JA	A06352	IPR	Aviators Night Vision Imaging System	ANVIS	AVS6V1	5855011384749
JA	A06420	IPQ	Aviators Night Vision Imaging System	ANVIS	AVS6V2	5855011384748
GZ	A10769	ATB	Adapter Hardware FVS Peculiar	ADPT HDWR	STEFVS	4910011354379
GZ	A10837	ATE	Adapter Hardware M1 Peculiar	ADPT HDWR	STEM1	4910011422640
JS	A27159	JPX	Air Traffic Control Facility	ATC FAC	TSQ97	5895001378548
JS	A27624*	JP3	Air Traffic Control Central	ATC CEN	TSW7A	5895010181246
JS	A28833	JP9	Aircraft Control Central	AC CEN	TSQ70	5895001681576
		JPY			TSQ70A	5895001681577
JP	A41666*	IYB	Radar Set	RDR ST	TPQ37V1	5840010434258
		IYD			TPQ37V2	5840010845374
		IYK			TPQ37V3	5840011869125
		IYJ			TPQ37V4	5840011854243
		IYG			TPQ37V5	5840012705101
		IYF			TPQ37V6	5840012705100
		IT7			TPQ37V8	5840014003218
OC	A55656	8HD	Analyzer	ANAL CL	QBCII	6630013165085
KC	A56243	B9A	Analyzer Set Engine Portable	ANAL ST	STEICEPM	4910001242554
		B9C			STEICR	4910012226589
OA	A62773	8BA	Anesthesia App, Nitrous	ANES AP NI	885A	6515011858446
		8BE			885	6515010034133
OR	A84549	8HE	Analyzer Sodium, Potassium	ANAL SP	614	6630013008711
GM	A93125*	ALB	Armored Reconnaissance Airborne As- sault Vehicle 152MM	ARAAV	M551A1	2350001405151
LB	B25476	XJI	Boat Bridge Erect., Hydro Jet	BOAT BRDG	MK1	1940011055728
		XJJ			MK2	1940012189165
OB	B32900	8HI	Analyzer Blood Gas	ANAL BL	4300	6630013648555
QE	B43663	ZKP	Bath Unit Portable	BATH UT	SH63LP	4510010163332
		ZKR			8SH60LP	4510010165914
		ZKS			YS49279LP	4510010165915
		ZKT			SPE41LP	4510010217421
		ZKU			8SH70YSLP	4510010229620
		ZKV			8SH1LP	4510010272123
		ZKX			YS74LP	4510010745177
		ZKZ			YS8SH76LP	4510010802402
		ZK4			PORT9SH	4510011394973
JH	B51098	JPN	Beacon Set Radio	BCN ST RDO	TRN30V1	5825004054510
JH	B51099	JPP	Beacon Set Radio	BCN ST RDO	TRN30V2	5825004231654
HX	B83002	DVY	Bed Cargo Demountable PLS	BD CGO DMT	M1077	3990013077676
LB	B83582	XJA	Boat, Bridge Erection Propeller Propulsion	BOAT BRDG	T15	1940003554469
		XJD			MDL27	1940005260207
		XJC			DSLENG	1940004170526
		XJE			LONESTAR	1940005677898
		XJF			MRNTMD27	1940007106649
		XJG			HIWAY	1940008094472
		XJH			HP127C	1940009150079
GR	C00255	BXE	Carrier Ambulance 1 1/2T	CARR AMB	M1066	2350012836215
GR	C10908	AEW	Carrier, Ammo, Tracked	FAASV	M992	2350011104660
		AE6			M992A1	2350013523021
		AKA			M992A2	2350013689500
GB	C10990	AE4	Carrier 120MM Mortar, Self-Propelled, Ar- mored	CARR MTR	M1064	2350013383116
		AE8			M1064A3	2350013696082
GQ	C11158	AE5	Carrier Armored, Command Post, Full Tracked	CARR CP	M1068	2350013545657
		AFC			M1068A3	2350013696086
GR	C11280	BXA	Carrier, Cargo, Tracked 1.5T	CARR CGO	M973	2350011329099
		BXB			M973A1	2350012816451
GR	C11651	BXD	Carrier Command Communication Vehicle	CARR CMD	M1065	2350012818324
GW	C12815*	AES	Carrier, Smoke, Gen FT, AR	CARR SM GE	M1059	2350012030188
		AFA			M1059A3	2350013696083
GR	C16921	BXC	Carrier Cargo Flatbed, 2T	CARR FB	M1067	2350012816450
GL	C18234*	AEY	Carrier Personnel, Full Tracked	CARR PERS	M113A3	2350012197577
NL	C20414	ARA	Bridge Armor Veh Launch Scissor TY CL 60 Alum 60 FT Span	AVLS	AVLSC60	5420005229599
NK	C22058	XHI	Bridge Erect Set Fix	BDGE ER ST	97CLEO40	5420005303785
NK	C22126	XHA	Bridge Erect Set Fix Medium Girder Bridge	MGB	97CLE53	5420001723519

Table B-1
List of ground equipment for DA Form 2406—Continued

ECC	LIN	EIC	Nomenclature	Abbreviation	Model number	NSN
NK	C22811	XHB	Bridge Fixed, Medium Girder Bridge	MGB	97CLE52	5420012723520
NK	C23017	XHH	Bridge Fixed, HWY	BDGE FIX	MILB11844	5420005303784
NO	C25072	XJK	Bridge Floating HWY Alum Deck	BDGE FLTG	97CLE35	5420001714519
NO	C25346	XJU	Bridge Floating HW 135 ft.	BRDG FL HW	CL60	5420000599082
NO	C25757	XJR	Bridge Floating Raft Sect Light Tact	BDGE FLTG	97CLE42	5420005424719
NK	C26305	XJT	Bridge Erect Set Floating Bridge	CL60	BDGE ER ST	5420008924596
NK	C27309	XHC	Reinforcement Set, Medium Girder Bridge	REINF ST	97CLE56	5420011391503
JH	C30675*	L6H	Countermeasures Set	CTMRMR	TLQ17AV3	5865012752137
NF	C36151	EKY	Crane, Wheel Mtd, HYD 7 1/2 Ton	CRANE MTD	LRT110	3810011650646
PK	C38874	DSA	Crane Truck Mtd, 140 Ton Container	CRANE MTD	ACN21086	3810010279254
		DSF			HC238A	3950011109224
NF	C39398	EKG	Crane, Wheel Mtd, HYD, Rough Terrain	CRANE MTD	RT875	3810012052716
JY	C40499*	HP5	Computer Group, Gun Direction	COMP GP	200GYK29V	7025011342331
		HOU			200AGYK29	1265012110250
JS	C41061*	HN8	Central Message Switching Automatic	CEN MSG SA	TYC39A	5805013635118
		HLZ			TYC39V1	5805011231851
		HN7			TYC39V5	5805011523068
JC	C41311*	HNC	Central Office Telephone, Automatic	COTA	TTC39AV1	5805012419710
		HN5			TTC39D	5805013153751
GL	C76335*	APB	Fighting Vehicle, Cavalry	CFV	M3	2350010492695
JC	C78793*	HLN	Central Office Telephone, Automatic	COTA	TTC41V2	5805010288394
JC	C78861*	HLL	Central Office Telephone, Automatic	COTA	TTC41V3	5805010288392
JC	C78929*	HLT	Central Office Telephone, Automatic	COTA	TTC41V4	5805010448869
SA	C82833	YTZ	Camera Section, Topographic Reproduc-	CAMERA SCT	97CLE221	3610003444706
		YT2	tion Set		TEADTSS22	3610011051694
JS	C89935	JQ2	Central Communications	CEN COMM	TSQ190V3	5895013935224
JS	C90003	JQY	Central Communications	CEN COMM	TSQ190V1	5895013787993
JS	C90071	JQZ	Central Communications	CEN COMM	TSQ190V2	5895013790125
JY	C90531*	L3G	Communications Control Set	COMM CTL	TSQ182	5895013696170
JY	C90599*	GAU	Communications Control Set	COMM CTL	TSQ183A	5895013875792
JY	C90667*	L3J	Communications Control Set	COMM CTL	TSQ184	5895013696167
JC	C91132	LMB	Communications Terminal	COMM TR	TRC179V1	5895011560411
GB	D10741*	AER	Carrier Mortar, Self Propelled 107MM	CARR MRTR	M106A2	2350010696931
GR	D11049	AEU	Carrier, Cargo Full Tracked 6 Ton	CARR CGO	M548A1	2350010969356
		AE9			M548A3	2350013696081
GQ	D11538*	AEQ	Carrier, Command Post: Light Tracked	CARR CP	M577A2	2350010684089
		AE7			M577A3	2350013696085
GL	D12087*	AEN	Carrier, Personnel Full Tracked AR	CARR PER	M113A2	2350010684077
JC						
	D18673	GB3	Dismounted Extension Switch	DES	TTC51	5895013498065
JR	D18923	IYL	Radio, Dismounted Line of Sight, Multi-	RDO DLOS	TRC198V2	5820013499240
			channel			
JY	D31557	HP4	Data Display Group, Gun Direction	DDGGD	OD144V1	7025011342329
JY	D31625	HQH	Data Display Group, Gun Direction	DDGGD	OD144V2	7025011343218
JY	D31693	HQJ	Data Display Group, Gun Direction	DDGGD	OD144V3	7025011343219
JY	D40782	GLJ	Digital Message Device Group	DIG MSG DV	OA8990P	5820011023921
JY	D78075*	HPS	Data Processing Systems Automated	DP SYS	MYQ4	7010010906819
JY	D78325*	HYB	Data Processing Systems Automated	DP SYS	MYQ4A	7010011585397
QM	D82404*	5FC	Decontaminating App Pwr Drvn LT WT	DECON APP	AE32U8	4230011538660
		5FE			M17	4230012518702
		5FF			M17A1	4230013035225
		5FG			M17A2	4230013461778
		5FH			M17A3	4230013463122
OE	D86072	8BF	Defibrillator ECG Monitor/Recorder	DEF ECG	MRL90	6515011350840
		8BJ			43110MC	6515012911199
		8BQ			LifePack10	6515013896740
NJ	D95754	ZJO	Drilling Machine, Well Truck Mounted	DR MACH	600FT	3820011785057
OR	E17489	8EI	Edging Machine Ophthalmic Lens	EDG MACH	All models	6540001165780
GG	E56578*	ABF	Combat Engineer Vehicle Full Tracked	CBT EN VEH	M728	2350007951797
JH	E59831	LHJ	Communications Central	COMM CEN	TSC38B	5895001681487
NV	E61618	EXB	Compactor, High Speed Tamping, Self-	CMPTR HS	K300	3805010244064
			Propelled			
OG	E67355	8CA	Compressor Dehydrator Dental	COMP DEN	All Models	6520001391246
		8CF			PAC67	6520012422375
QC	E72393	ZPV	Compressor Unit, Rotary, 125 CFM 100	COMPR RTY	6M125	4310010437604
		ZQA	psi skid Mtd		125GC40MS3	4310006910877
		ZQB			GER125	4310008189824
QC	E72804	DWT	Compressor Unit, Rotary, 210 CFM 100	COMPR RTY	250WDMH268	4310011583262
			psi, Air Trlr Mtd			
NF	F39378	EKC	Crane Wheel Mounted 20 Ton	CR WHL 20T	M320RT	3810002751167
GL	F40307*	ALE	Fighting Vehicle Infantry	IFV	M2A1	2350011791027
GL	F40375*	ALG	Fighting Vehicle Infantry	IFV	M2A2	2350012487619
		APE			M2A2WODS	2350014059886

Table B-1
List of ground equipment for DA Form 2406—Continued

ECC	LIN	EIC	Nomenclature	Abbreviation	Model number	NSN
NF	F40474	EMK	Crane Shovel, Crawler Mtd 40 Ton	CR SHVL	PH5060	3810011458288
QJ	F42612	ZIV	Forward Area Water Point Supply System	FAWPSS	FAWPSS	4320011101993
		ZFW			90952	4320013590369
	F43336	FES	TTC 50	1 Gen Set PU753 (G40744)		
NF	F43429	ELA	Crane Truck Mtd HYD 25 Ton CAT (CCE)	CR TK 25T	MT250	3810000182021
		ELH			TMS3005	3810010549779
NA	F49399	EUT	Crush and Screen Plant	CR SCN PLT	75TPH	3820007256462
JY	F55818*	HQN	Fire Direction Center Artillery	FDCA	OA8390BV1	7010012525419
JX	F57463	HP2	Fire Support Digital Device	FSDMD	PSG5	7025011256796
GL	F60462*	ALF	Cavalry Fighting Vehicle	CFV	M3A1	2350011791028
GL	F60530*	ALH	Cavalry Fighting Vehicle	CFV	M3A2	2350012487620
		APF			M3A2WODS	2350014059887
QM	F81880*	5FB	Decontaminating Apparatus, Power Driven Skid Mtd	DCON APPR	M12A1	4230009269488
OF	F95601	8CB	Dental Operating Treatment Unit, Field	DTL OP UT	Allmodels	6520001407663
		8CD			G283	6520012052349
		8CJ			36009900	6520012724531
		8CH			FUS336	6520013335961
QB	G11966	VG2	Generator Set, Dsl, 5KW, 60HZ, Skid, Mtd	GEN ST SM	MEP802A	6115012747387
QB	G12034	VG7	Generator Set Dsl, 60KW, 50/60HZ, Skid Mtd	GEN ST SM	MEP806A	6115012747390
QB	G12102	VN2	Generator Set, Dsl, 5KW, 400HZ, Skid Mtd	GEN ST SM	MEP812A	6115012747391
QB	G12170	VG4	Generator Set, Dsl, 15KW, 50/60HZ, Skid Mtd	GEN ST SM	MEP804A	6115012747388
QB	G12238	VN4	Generator Set, Dsl, 15KW, 400HZ Skid Mtd	GEN ST SM	MEP814A	6115012747393
QB	G17460	VNB	Generator Set, Dsl, 60KW, 400HZ Trl Mtd	GEN ST TM	PU806	6115013172133
QB	G18052	VN6	Generator Set Dsl, 60KW, 400HZ, Skid Mtd	GEN ST SM	MEP816A	6115012747395
QB	G35851	VD4	Generator Set Dsl, Trl Mtd	GEN ST TM	PU803	6115013172136
QB	G35919	VMZ	Generator Set Dsl, Trl Mtd	GEN ST TM	PU804	6115013172135
QB	G37273	VJW	Generator Set DSL, 5HZ, 60HZ, Mtd on M116	GEN ST TM	PU751M	6115000331373
QB	G40744	VJB	Generator Set DSL, 10KW, 60HZ, Mtd on M116	GEN ST TM	PU753M	6115000331389
QB	G42170	VK5	Generator Set, 10KW, 60HZ Mtd on M116A2	GEN ST TM	PU798	6115013199032
		VNC			PU798A	6115014133818
QB	G42238	VKK	Generator Set, 5KW, 60HZ, Mtd on M116A2	GEN ST TM	PU797	6115013320741
		VND			PU797A	6115014133820
GX	G51840*	5CD	Generator Set, Smoke	GEN ST SMK	M157120GT	1040012060147
		5CE			M15780GT	1040012935496
		5CI			M157A280D	
		5CH			M157A212OD	
QB	G53403	VK4	Generator Set, 10KW, 400HZ, Mtd on M116A2	GEN ST TM	PU799	6115013134283
		VDW			PU799A	6115014133819
QB	G53778	VD3	Generator Set, Dsl, Trl Mtd	GEN ST TM	PU802	6115013172138
QB	G54041	VGW	Generator Set, Dsl, 3KW, 60HZ Skid Mtd	GEN ST SM	MEP701A	6115012345966
		VGW			MEP016B	6115011504140
QB	G74711	VG3	Generator Set, Dsl, 10KW, 60HZ, Skid Mtd	GEN ST SM	MEP803A	6115012755061
QB	G74575	VG5	Generator Set, Dsl, 30KW, 50/60HZ, Skid Mtd	GEN ST SM	MEP805A	6115012747389
QB	G74643	VN5	Generator Set, Dsl, 30KW, 400HZ Skid Mtd	GEN ST SM	MEP815A	6115012747394
QB	G74779	VN3	Generator Set, Dsl, 10KW, 400HZ, Skid Mtd	GEN ST SM	MEP813A	6115012747392
NE	G74783	EHF	Grader Road Motorized DED	GRDR ROAD	130G	3805011504795
QB	G78203	VMY	Generator Set, 15KW, 400HZ, Trl Mtd	GEN ST TM	PU800	6115013172137
QB	G78306	VF3	Generator Set, Dsl, 60KW, 50/60HZ, Trl Mtd	GEN ST TM	PU805	6115013172134
JR	H35404	GGE	High Frequency Radio Set	RDO ST HF	GRC193A	5820011334195
		GGT			GRC193BV1	5280012629546
LK	H38787	XJO	Ferry Conversion Set Raft, Inf Spt	FERRY	97CLE05	5420002729267
VC	H56391	ZML	Fire Fighting Equipment Set: Truck Moun-	FFES MTD	2500L	4210011522699
		ZMN	ted		CL530	4210002028076
DA	H57505*	3FA	Howitzer, Light Towed,	HOW LT TWD	M119	1015012480859
		3WC			M119A1	1015013081872
					105MM	
GA	H57642*	3FC	Howitzer, Medium Self-Propelled	HOW MED SP	M109A6	2350013050028
JS	H76352*	JQC	Flight Coordination Central	FLT CEN	TSC61LP	5895001681573
		JQB			TSC61ALP	5895000113878
		JP4			TSC61BLP	5895010573968

Table B-1
List of ground equipment for DA Form 2406—Continued

ECC	LIN	EIC	Nomenclature	Abbreviation	Model number	NSN
QH	H94824	ZAG	Forward Area Refueling Equipment	FARE	FARE	4930001333041
		ZA4			LPIF0500	4930013018201
QH	J04717*	ZAH	Fuel System Supply Pt, Ptbl, 600,000 Gal- lon	FSSP	FSSP	4930001425313
QB	J30093	VEP	Generating Unit, DSL, 750 KW, 60HZ		MEP208A	6115004505881
		VFK			S6660	6115005591449
		VC8			S6832	6115005963405
EY	J30492*	5CA	Generator: Smoke Mechanical Pulse Jet	GEN SMK	M3A3	1040005873618
		5CB			M3A4	1040011439506
QB	J35492	VCN	Generator Set, DSL, 15KW, 60HZ	GEN ST TM	PU405AM	6115003949577
QB	J35629	VEM	Generator Set, DSL, 60KW, 60HZ	GEN ST TM	PU650BG	6115002581622
QB	J35680	VLM	Generator Set, DSL, 60KW, 400HZ	GEN ST TM	PU707AM	6115003949573
QB	J35801	VDT	Generator Set, DSL, 100KW, 60HZ	GEN ST TM	PU495BG	6115011340165
QB	J35813	VJF	Generator Set, DSL, 5KW, 50HZ	GEN ST	MEP002A	6115004651044
QB	J35825	VJE	Generator Set, DSL, 10KW, 60HZ	GEN ST	MEP003A	6115004651030
		VJU			1480021	6115009373523
QB	J35835	VCD	Generator Set, DSL, 15 KW	GEN ST	MEP004A	6115001181241
		VDC			15H18Z	6115005916866
		VDD			10327BA	6115006069693
		VDG			015H18M	6115006279031
		VDH			151815WW	6115006535634
		VDN			151815WA	6115008174919
QB	J36006	VLF	Generator Set, DSL, 15 KW, 400HZ	GEN ST	MEP113A	6115001181244
QB	J36109	VCC	Generator Set, DSL, 30KW, 60HZ	GEN ST	MEP005A	6115001181240
QB	J36383	VCM	Generator Set, DSL, 30KW, 60HZ	GEN ST TM	PU406BM	6115003949576
QB	J36725	VLG	Generator Set, DSL, 30KW, 400HZ	GEN ST	MEP114A	6115001181248
QB	J38506	VLH	Generator Set, DSL, 60KW, 400HZ	GEN ST	MEP115A	6115001181253
QB	J38712	VCK	Generator Set, DSL, 100KW, 60HZ	GEN ST	4180	6115003015761
		VCG			MEP007A	6115001339101
		VDE			1001815WW	6115006242767
		VDS			MEP007B	6115010366374
		VDL			4115	6115007922541
		VCV			HB3333	6115009333498
QB	J41819	VMG	Generator Set, Gas 10KW, 400HZ	GEN ST TM	PU375AG	6115007532231
		VL6			PU375BG	6115009316789
QB	J43027	VL8	GeneratorSet, Gas, 0.5KW, 400HZ	GEN ST	MEP019A	6115009407862
QB	J43918	VGC	Generator Set, Gas, 1.5KW, 60HZ	GEN ST	KK15M25	6115005916867
		VGf			1536S2A016	6115007749342
		VGI			CEO15AC	6115008878644
		VGJ			MEP015A	6115008891446
QB	J44055	VHA	Generator Set, Gas, 1.5KW, 28V DC	GEN ST	MEP025A	6115000178236
		VHD			GEMTRCE15L	6115006466122
		VHF			1528T2A016	6115008492323
QB	J45699	VGA	Generator Set, Gas, 3KW, 60HZ AC	GEN ST	MEP016A	6115000178237
		VGO			MEP016C	6115011433311
QB	J45836	VLA	Generator Set, Gas, 3KW, 400HZ AC	GEN ST	MEP021A	6115000178238
		VMT			MEP021C	6115011757321
QB	J46110	VHB	Generator Set, Gas, 3KW 28V DC	GEN ST	MEP026A	6115000178239
		VHJ			MEP026C	6115011757320
QB	J46252	VGH	Power Unit, 3KW, 60HZ AC	GEN ST PU	PU625G	6115008733915
QB	J46384	VGE	Power Unit, 3KW, 60AZ AC	GEN ST PU	PU617M	6115007386335
QB	J47068	VJA	Generator Set, Gas, 5KW, 60HZ AC	GEN ST	MEP017A	6115000178240
QB	J47617	VJO	Power Unit, 5KW, 60HZ AC	GEN ST PU	PU620M	6115007386340
QB	J48713	VLB	Generator Set, Gas, 5KW, 400HZ AC	GEN ST	MEP022A	6115000178241
		VMA			CE57400AC	6115000778598
		VMI			MG5400	6115009031208
QB	J49398	VJT	Generator Set, Gas, 10KW, 60HZ AC	GEN ST	MEP018A	6115008891447
		VJI			PM5901	6115006908290
		VJR			FERO1	6115007786005
		VJS			CE106ACWK9	6115008331498
QB	J49466	VL4	Generator Set, Gas, 10KW, 400HZ AC	GEN ST	MEP023A	6115009260843
NE	J74852	EJG	Grader, Road, Motorized	GRDR RD	12	3805001974184
		EJM			116	3805002211802
		EJN			550	3805002239030
NE	J74886	EHL	Grader, Road, Motorized DSL	GRDR RD	CAT112FWR	3805010290140
		EHP			130GS	3805011267895
		EJH			130GSCE	3805012518252
NE	J74920	EHN	Grader, Road, Motorized	GRDR RD	130GNS	3805011267894
		EJJ			130GNSCE	3805012520128
GL	J81750*	APA	Fighting Vehicle, Infantry	IFV	M2	2350010485920
GA	K56981*	3E4	Howitzer, Heavy, Self Propelled: 8 inch	HOW HV SP	M110	2350004396243
		3E5			M110A1	2350010133914
		3E3			M110A2	2350010414590

Table B-1
List of ground equipment for DA Form 2406—Continued

ECC	LIN	EIC	Nomenclature	Abbreviation	Model number	NSN
DA	K57392*	3EB 3EA 3EC	Howitzer, Light, Towed: 105MM	HOW LT TWD	M101 M102 M101A1	1015003229728 1015000868164 1015003229752
GA	K57667*	3ER 3EZ 3E2 3E8 3E7	Howitzer, Medium, Self Propelled: 155MM	HOW MD SP	M109 M109A2 M109A3 M109A4 M109A5	2350004408811 2350010310586 2350010318851 2350012775770 2350012811719
DA	K57803*	3EG 3EH 3EK	Howitzer, Medium, Towed: 155MM	HOW MD TWD	M114 M114A1 M114A2	1025003229755 1025003229768 1025010259857
DA	K57821*	3EL	Howitzer, Medium, Towed: 155MM	HOW MD TWD	M198	1025010266648
QS	K90188	BMW	Instrument Repair Shop, Truck Mounted	REP SHP TM	M185A3	4940000771638
LM	K97376	XMB	Interior Bay Bridge Floating	IBBF	IBBF	5420000715322
JH	L12374	L6I	Lightweigh Man-Trspbl radio Directional Finding System	LMRDFS	PRD12	5825012986961
JS	L36402*	JQA JP5	Landing Control Central	LDG CT CEN	TSQ71ALP TSQ71BLP	5895000040973 5895010928074
LD	L36739	WAE WAS WGC WGD	Landing Craft, Mechanized: 69FT	LCM	LCM8 LCM8MOD1 LCM8MOD1SL LC08	1905002671097 1905009356057 1905012842647 1905012842648
LD	L36876	WAA WAV	Landing Craft, Utility: 115FT	LCU	1646GEN 1646MAR	1905001685764 1905010091056
LD	L36989	WBS	Landing Craft Util Roll On Roll Off	LCU	MDL2000	1905011541191
GK	L43664*	ARC ARE	Launch Tank Chassis, Transporting, 60FT Bridge	LNCH TNK C	M60 M48A5	5420008892020 5420010766096
JR	L61778	IYM	Radio, LF, Line of Sight, Multichannel	RDO MC	TRC198V1	5820013499241
DE	L67342*	556 59A 5UJ 5UK	Launcher, Mine Clearing Line Charge, Trailer Mounted	LCHR MCL	MK155 MK155M1 MK155M2 MK155M3	1055012035883 1055012812770 1055013406084 1055013273106
LL	L67508	WAN	Lighter, Amphibious: Self-Propelled Diesel	LGTR AMPH	LARCLX	1930003922981
JS	L67964	HYD	Lightweight Digital Facsimile	LDF	UXC7	5815011877844
JR	L69306*	HHC HEF	Line of Sight Multi-channel Radio Terminal	RDO TML	TRC190V1 TRC190AV1	5820012470981 5820013102538
JR	L69374*	HHD HEL	Line of Sight Multi-channel Radio Terminal	RDO TML	TRC190V2 TRC190AV2	5820012470979 5820013094649
JR	L69442*	HHE HEH	Line of Sight Multi-channel Radio Terminal	RDO TML	TRC190V3 TRC190AV3	5820012470982 5820013102543
JR	L69510*	HHF HEM	Line of Sight Multi-channel Radio Terminal	RDO TML	TRC190V4 TRC190AV4	5820012470980 5820013094651
NG	L76321	EFC EFS	Loader, Scoop, DED (CCE)	LDR SCP	175B H100CGPB	3805006025013 3805010529043
NG	L76556	EFW EFQ EGG	Loader, Scoop, DSL 2 1/2 CU YD	LDR SCP	950BNS MW24C 950BNSCE	3805011267915 3805011504814 3805012605163
NG	L76693	EFV EGF	Loader, Scoop, SEC 2 1/2 CU YD	LDR SCP	950BS 950BSCE	3805011267914 3805012605162
DB	M02114	4SK	Mortar, 81MM	MORTAR	M252	1015011646651
JS	M04268*	HHJ HDY	Management Facility	MGMT FAC	TSQ154 TSQ154A	5895012470963 5895013301864
JM	M04941*	KE2	Meteorological Data System	MDS	TMQ31	6660011481772
JH	M21948*	L6E	Master Control Set	MCS	TSQ138	5895011657408
JX	M52582	HPR	Message Entry Device Variable Format	MSG ENT	GSC21	7010010176967
JX	M52650	HPW HPZ HP3	Message Device Digital	DV MSG DV DIG	PSG2 PSG2A PSG2B	7025010443824 7025010945473 7025011269199
DB	M67871	4SA 4SB	Mortar, 60MM: On Mount	MRTR W/MT	M2 M19	1010006732006 1010006732010
DB	M67939	4SC	Mortar, 60MM: On Mount	MRTR W/MT	M224	1010010205626
DB	M68008	4SG 4SJ	Mortar, 81MM: On Mount	MRTR W/MT	M29 M29A1	1015008401836 1015009997794
DB	M68282	4SH 4SD	Mortar, 4.2 Inch: On Mount	MRTR W/MT	M30WMT24A1 M30WMT24	1015008401840 1015003229720
DB	M68405	4SL 4SE	Mortar	MRTR TWD	M120T M120C	1015012261672 1015012923801
JA	N04596	IPH	Night Vision Sight (Crew)	NT VIS ST	TVS5	5855006295327
NB	N75124	EXE E47	Paving Machine Bituminous Material, Dsl	PAVG MACH	IOWABSF400 780T	3895010637891 3895013791102
JC	P05439*	HHO HED HEC	Operations Group	OPER GRP	OL412TTC46 OL412TC46A OL412TC46B	5805012459059 5895013136195 5805013266540

Table B-1
List of ground equipment for DA Form 2406—Continued

ECC	LIN	EIC	Nomenclature	Abbreviation	Model number	NSN
ST	P06082	YTY	Plate Process Sect Topo Reproduction	P SECT	13225E3019	3610011051743
QC	P11866	FBD	Set STLR Mtd	TOPO		
			Pneumatic Tool and Compressor Outfit:	PN TL	250CFM	3820009508584
			250CFM	COMP		
OF	P19377	8CI	Operating and Treatment Unit, Dental	OPER UT	2100	6520013438126
QR	P21220*	YOA	Position and Azimuth Determining System	PADS	USQ70	6675010715552
QP	P27819	VCO	Power Plant, Electric, 30KW TM	PWR PLT EL	MJQ10A	6115003949582
QP	P27823	VEL	Power Plant, Electric, 60KW TM	PWR PLT EL	MJQ12A	6115002571602
QP	P28015	VJD	Power Plant, Electric, 10KW, TM	PWR PLT EL	MJQ18	6115000331398
QP	P28075	VLO	Power Plant, Electric	PWR PLT EL	MJQ15	6115004007591
QP	P28083	VKJ	Power Plant, Electric, 5KW, 60HZ, TM	PWR PLT EL	MJQ35	6115013134216
					MJQ35A	6115014149697
QP	P28151	VKI	Power Plant, Electric, 5KW, 60HZ, TM	PWR PLT EL	MJQ36	6115013134215
QP	P42126	VNA	Power Plant, Electric, 30KW, 50/60HZ, TM	PWR PLT EL	MJQ40	6115012996033
QP	P42194	VF2	Power Plant, Electric, 60KW, 50/60HZ, TM	PWR PLT EL	MJQ41	6115013037896
QP	P42262	VK2	Power Plant, Electric, 10KW, 60HZ, TM,	PWR PLT EL	MJQ37	6115012996035
QP	P42330	VK3	Power Plant, Electric, 10KW, 400HZ, TM	PWR PLT EL	MJQ38	6115013134214
QP	P42614	VD2	Power Plant, Electric, TM	PWR PLT EL	MJQ39	6115012996034
QB	P44627	UAG	Power Unit, Auxil, Aviation (AGPU)	PWR UNT AX	MEP360A	1730011441897
QQ	P50154	YEP	Press Sect Topo, Repro Set, Semi-trlr Mtd	P SEC	PSREPRO	3610003444705
		YF9		TOPO		3610011051744
OD	P63884	8DF	Processing System, X-Ray Film	PRC RD FLM	3474B	6525008238144
JC	P70292*	HHP	Operations Group	OPER GRP	413TTC47	5805012444259
		HEB			413TTC47A	5895013094652
		HEA			413TTC47B	5895013246855
JS	P70360*	GAX	Operations Group	OPER GRP	413TTC47C	5895013301866
QD	P97051	ZCB	Pumping Assy Flambl Liq Eng Drvn	PMP FLAM L	A12BMVG4D	4320000698494
		ZCD			US37ACG	4320001954914
		ZCK			A12CMVG4D	4320006007590
		ZCM			A12MGDAD	4320006911071
		ZC4			ADC1500	4320010923551
		ZDR			LPPTM	4320012157671
		ZDT			LC350GPM	4320012595965
		ZDS			W8646	4320012464398
OD	P98514	8DL	Process Machine, Rad Film	PRC RD	AFP14X3MIL	6525013036235
				FLM		
JP	Q16110	IAF	Radar Set	RDR ST	PPS5	5840001681567
		IAG			PPS5A	5840002389366
		IAM			PPS5B	5840010094939
JP	Q16173	IAP	Radar Set	RDR ST	PPS15AV1	5840010513067
JR	Q32756	GF2	Radio Set	RDO ST	GRC106	5820004022263
		GFZ			GRC106A	5820002237548
JR	Q38296	GGA	Radio Set	RDO ST	PRC74B	5820009350030
		GFX			PRC74C	5820001771641
JR	Q92858	HBE	Radio Terminal Set	RDO TML ST	TRC121	5820001681562
LM	R10527	XMG	Ramp, Bay, Bridge Floating	RBBF	BF	5420004975276
JP	R14148*	IYA	Radar Set Mortar Locating	RDR ST	TPQ36V1	5840010434257
		IY2			TPQ36V3	5840011854244
		IYE			TPQ36V5	5840012291276
JP	R14216*	IT6	Radar Set	RDR SET	TPQ36V7	5840012291278
JR	R30895	GGD	Radio Set	RDO ST	GRC213	5820011283935
		GGR			GRC213AV1	5820012629548
JR	R30963	HBT	Radio Set	RDO ST	GRC224	5820012506254
JR	R33351*	HHG	Radio Access Unit	RDO ACC UT	TRC191	5820012475731
		HEG			TRC191AV1	5820013102542
		HEP			TRC191AV2	5820013260711
JH	R36854*	L5D	Receiving Set, Radio	RCV ST RDO	TRQ32	5820000678914
		L5F			TRQ32V1	5895011677655
JR	R38349	GGC	Radio Set	RDO ST	PRC70	5820010628246
JR	R38403	L2S	TAC SATCOM Radio Set	RDO ST	PSC3	5820011454943
JH	R38883*	KBC	Receiving Set	RCV ST RDO	TRQ37	5820011604684
JR	R39452*	HDK	Radio Terminal Set	RDO TML ST	TRC173	5820011619422
		HDS			TRC173A	5820013160890
		HE1			TRC173B	5820013874952
JR	R39520*	HDJ	Repeater Set Radio	RPT ST RDO	TRC174	5820011619420
		HDT			TRC174A	5820013160880
		HE2			TRC174B	5820013874520
JR	R39588*	HDL	Radio Terminal Set	RDO TML ST	TRC175	5820011619421
		HDU			TRC175A	5820013160891
		HE5			TRC175B	5820013876700
GF	R50544*	3LA	Recovery Vehicle, Full Tracked Light Ar-	REC VEH LT	M578	2350004396242
			mored			
GF	R50681*	AQA	Recovery Vehicle, Full Tracked Medium	REC VEH MD	M88A1	2350001226826

Table B-1
List of ground equipment for DA Form 2406—Continued

ECC	LIN	EIC	Nomenclature	Abbreviation	Model number	NSN
JR	R55200	GGF GGS	Radio Set	RDO ST	PRC104 PRC104BV4	5820011417953 5820012629550
JR	R55268	L2A	Radio Set	RDO ST	PRC119	5820011519915
JC	R57843	L3B	TAC SATCOM Base	SAT TERM	VSC7	5820010905449
OJ	R61868	8AB 8AE 8AF	Refrigerator Mechanical	REF MECH	BR37SS1B01 139875 FT2TRBLB	4110011173902 4110011596922 4110013523653
OJ	R64126	8AD	Refrigerator Solid State Bio	REF SOL ST	Allmodels	4110012877111
JR	R78048*	HA5	Repeater Set, Radio	RPT ST RDO	TRC138	5820001338841
JR	R78067*	HAZ	Repeater Set, Radio	RPT ST RDO	TRC152LP	5820000061832
JR	R78116*	HDM HDV HE3	Repeater Set, Radio	RPT ST RDO	TRC138A TRC138B TRC138C	5820011619419 5820013160881 5820013874544
JR	R83005	L2Q	Radio Set	RDO ST	PRC119A	5820012679482
JR	R92962*	HCN	Radio Terminal Set	RDO TML ST	TRC145BV2	5820010993578
JR	R92967*	HGX	Radio Terminal Set	RDO TML ST	TRC170V2	5820011483977
JR	R92996*	HCP	Radio Terminal Set	RDO TML ST	TRC145BV1	5820011044748
JR	R93035*	HGY	Radio Terminal Set	RDO TML ST	TRC170V3	5820011483976
HS	S10059	CVT CVW	Trailer Tank Fuel 5000 GAL	TRL TNK FU	M967 M967A1	2330010505632 2330011550046
NH	S11711	ET5 E5B	Roller Motorized, Steel Wheel	RLR MSW	C350B CB534B	3895005780372 3895013962822
NH	S11793	EUR	Roller Pneumatic, VP, Self-Propelled	RLR SP	C530A	3895010133630
NH	S12575	ETR ET4 ETY	Roller Towed, Sheepsfoot	RLR TWD	111 MDG96 H2S	3895001347981 3895008935006 3895009679021
NH	S12916	EUP EUU	Roller Vibratory Self-Propelled	RLR SP	RS28 SP848	3895010128875 3895010752823
JS	S24750*	HD9 HEN HD8	Switching Group	SWTCH GRP	305TTC46 305TTC46A 305TTC46B	5805012459053 5895013094654 5895013236459
JC	S24818*	HDX HD6 HD7	Switching Group	SWTCH GRP	ON306TTC47 306TTC47A 306TTC47B	5895012459054 5895013094653 5895013240863
JC	S25379*	HHL HD4 HD5	Small Extension Node Switch	SENS	TTC48V2 TTC48AV2 TTC48BV2	5805012459058 5805013102539 5805013240862
JC	S25447*	HHK HD2 HD3	Small Extension Node Switch	SENS	TTC48V1 TTC48AV1 TTC48BV1	5805012444257 5805013094650 5805013240861
NE	S30039	EH2 EJK	Scraper, Elevating, SP, Sect	SCPR	SECT 613BSS	3805011448837 3805012674177
QS	S30914	2MB	Shop Equipment Contact Maint ENG, Truck Mounted	SHP EQ ENG	SEQENG	4940012098824
QS	S30982	2MC	Shop Equipment Contact Maint ORD, Truck Mounted	SHP EQ ORD	SEQORD	4940012098825
QS	S31232	2MA	Shop Equipment General Purpose, Truck Mounted	SHP EQ GP	SEQGP	2320012098823
JC	S34963*	L3E	Satellite Communication Terminal	SAT COM TM	TSC93BV1	5895012848306
JC	S37228*	GAW	Switching Group	SWTCH GRP	306TTC47C	5895013294811
JS	S38172*	GAV	Small Extension Node Switch	SENS	TTC48CV4	5805013294808
OM	S39122	8EC	Sterilizer Surgical Dressing 16X36 in.	STR SUR DR	FX1636	6530009262151
JY	S44664*	HHQ	System Control Group Planning	CNTRL GRP	OL414TYQ35	5805012466817
JY	S44732*	HHS	System Control Group Management	CNTRL GRP	OL416TYQ35	5805012475730
JY	S44914*	HHR	System Control Group Technical	CNTRL GRP	OL415TYQ35	5805012444258
NC	S56246	EH3	Scraper Earth Moving SP	SCRPR SP	621B	3805011531854
HS	S70027	CVB CVZ	Semitrailer Flat Bed, 22 1/2 Ton	STRLR FB	M871 M871A2	2330001226779 2330012943367
HS	S70159	CFE CFF CFG CFH	Semitrailer Flat Bed, 34 Ton	STRLR FB	M872 M872A1 M872A2 M872A3	2330010398095 2330011098006 2330011195837 2330011421385
HS	S70517	CFD	Semitrailer Low Bed, 25T	STRLR LB	M172A1	2330003176448
HS	S70594	CFB CFC	Semitrailer Long Bed 40 Ton	STRLR LB	M870 M870A1	2330001331731 2330012249245
HS	S70661	CFA	Semitrailer Long Bed 60 Ton	STRLR LB	M747	2330000897265
HS	S70859	CXU	Semitrailer Low Bed, 70 Ton HET	STRLR LB	M1000	2330013038832
HS	S72024	CVA CVD CVE CVF	Semitrailer Stake 12-Ton, 4 Wheel W/E	STRLR STK	M127A1 M127A1C M127A2C M127	2330000487743 2330007529750 2330007886299 2330007979207
HS	S72846	CVL CVN CVS	Trailer Tank Fuel 5000 Gal	TLR TNK FU	M131A5 M131A3C M131A4	2330002266079 2330005333380 2330009949459

Table B-1
List of ground equipment for DA Form 2406—Continued

ECC	LIN	EIC	Nomenclature	Abbreviation	Model number	NSN
HS	S72983	CVM CVR	Trailer Tank Fuel 5000 Gal	TLR TNK FU	M131A5C M131A4C	2330002266080 2330009949458
HS	S73119	C4V	Semitrailer Tank, Petroleum 7500 Gal	STRLR TNK	M1062	2330012757475
HS	S73372	CVU CVY	Trailer Tank Fuel 5000 Gal	TLR TNK FU	M969 M969A1	2330010505634 2330011550048
JC	S78466*	L2Z L3F	Satellite Communication Terminal	SAT COM TM	TSC85A TSC85BV1	5895011135343 5895012848305
HE	T05028	BEB	Truck Utility Tactical 3/4T 1 1/4 T	TRK UT TAC	M1009	2320011232665
HF	T05096	BBC BBX	Truck Utility TOW Carrier	TRK UT	M966 M966A1	2320011077153 2320013723932
KC	TO6859	ATC	Test Set Common Core (STE-M1/FVS)	TS COM COR	COMMONCORE	6625011354389
HF	T07543	BBK	Truck Utility S250 Shelter Carrier 4x4	TRK UT SHL	M1037	2320011467193
HF	T07679	BBM BBU	Truck Utility Heavy Variant, 5T	TRK UT HV	M1097 M1097A1	2320013469317 2320013719583
QJ	T09094	ZHS	Tactical Water Distribution System	TWDES	MILT53023	4320011223547
QS	T10138*	2CU 2CT 2CD 2C5 2CZ 2CX	Shop Equipment, Contact Maintenance Truck Mounted	SP EQ MNT	CMU993 CMU3 SECM1975 AVNC6217 MILS45855	4940001957712 4940001693042 4940001654019 4940010162262 4940004950118 4940002949518
QS	T10275*	2DA 2CE 2CB 2C6 2C8 2DL 2CM 2CN 2FP	Shop Equipment, Electronic Repair, Semi-trailer Mounted	SP EQ ELEC	MILS52330 SER1961 SER1968 SER1976 SER197881 SER1982 FSVAN1959 FSVAN15777 CLB05	4940002949517 4940001654020 4940001598847 4940010225322 4940010964475 4940011503113 4940001693036 4940001693037 4940012342322
QS	T10412*	2CA 2CP 2C9 2CY	Shop Equipment, Electronic Repair, Semi-trailer Mounted	SP EQ ELEC	SEER1968 EER1963 ELECTREP MILS52377	4940001598846 4940001693038 4940011107422 4940002949542
QS	T10549*	2C2 2CJ 2CV 2C4 2C3 2CF	Shop Equipment, General Purpose Repair, Semitrailer Mounted	SP EQ GP R	MED1952 ENG4359 MILS45538 SGPRSM6 SGPRSM61 SGPRSM68	4940004976412 4940001654024 4940002874894 4940010063229 4940004976413 4940001654021
QS	T113152*	2CG 2CR 2CH 2CS 2C7 2CC 2CQ 2CW 2FN	Shop Equipment, Organizational Repair, Light Truck Mounted	SP EQ ORG R	ENG40 MEDL1954 MEDL1956 SEORL66 SEORL118 SOUTHWEST SMGPR61 MILS45537 SEORTM	4940001654022 4940001693040 4940001654023 4940001693041 4940010282672 4940001642719 4940001693039 4940002949516 4940012360166
FB	T13168*	AAB	Tank, Combat, Full Tracked	TNK CBT FT	M1A1	2350010871095
FB	T13169*	ABL	Tank Combat Full Tracked 105-MM TTS	TNK CBT FT	M60A3TTS	2350010612306
FB	T13305*	AAF	Tank Combat Full Tracked 120-MM	TNK CBT FT	M1A2	2350013285964
FB	T13374*	AAA AAC	Tank Combat Full Tracked 105-MM M1	TNK CBT FT	M1 M1IP	2350010612445 2350011368738
JY	T13413	HYE	Tactical Computer Processor	TCP	UYQ43V1	5895012119821
JY	T13481	HQL	Tactical Computer Processor	TCP	UYQ43V2	5895012468276
JH	T22676	IXM IWM	Transponder Set	TRNSP ST	PPN19 PPN19V1	5895011951199 5895012086159
ND	T33786	EED	Tractor Wheeled, W/Forklift and Crane	TRAC WHLD	HMMH	2420012058636
ND	T34437	EDL	Tractor Wheeled	TRAC WHLD	FLU419	2420011602754
HF	T38660	BEA	Truck Ambulance Tactical	TRK AMB	M1010	2310011232666
HF	T38707	BBB BB2	Truck Ambulance 2 Litter ARMD	TRK AMB	M996 M996A1	2310011112275 2310013723935
HF	T38844	BBA BBZ	Truck Ambulance 4 Litter	TRK AMB	M997 M997A1	2310011112274 2310013723934
HL	T39518	B2D	Truck Cargo Tactical W/W	TRK CGO	M977WW	2320010970260
HL	T39586	B2J	Truck Cargo Tactical	TRK CGO	M985	2320011007673
HL	T39654	B2E	Truck Cargo Tactical W/W	TRK CGO	M985WW	2320010970261
HG	T40329	BHG	Truck Van, LMTV, 2 1/2 Ton W/W	TRK VAN	M1079WW	2320013601891
HM	T40999	B4H	Truck Cargo Heavy PLS, Transporter, 16.5T	TRK CGO	M1075	2320013042278
HI	T41036	BR9	Truck Cargo, MTV, 5T	Trk CGO	M1093	2320013553063
HM	T41067	B4G	Truck Heavy PLS Transporter, 16.5T	TRK CGO	M1074	2320013042277
HI	T41104	BT4	Truck, Cargo, MTV, 5T, W/W	Trk CGO	M1093WW	2320013601896

Table B-1
List of ground equipment for DA Form 2406—Continued

ECC	LIN	EIC	Nomenclature	Abbreviation	Model number	NSN
HI	T41135	BT3	Truck, Cargo, MTV, 5T, W/W	Trk CGO	M1083WW	2320013601895
HI	T41203	BR3	Truck, Cargo, MTV, 5T, W/MHE	Trk CGO	M1084	2320013543387
HG	T41995	BHF	Truck, Cargo, LMTV, 2 1/2T	Trk CGO	M1081	2320013553064
HG	T42063	BHJ	Truck, Cargo, LMTV, 2 1/2T	Trk CGO	M1081WW	2320013601899
PG	T48941	DJN	Truck, Lift, Fork, DED 50,000 LB Rough Terrain CONT HDLR	TRK LF	DV43	3930010823758
PG	T48944	DJW	Truck, Lift, Fork DED 6,000 LB Variable Reach RT Ammo Hdlg	TRK LF	RTFL	3930011580849
PC	T49096	DXG	Truck, Lift, Fork, DSL, 6,000 LB	TRK LF	CBDLF	3930011727892
PG	T49119	DJU	Truck, Lift, Fork, 10,000 LB RT	TRK LF	M10A	3930010543833
PG	T49255	DJV	Truck, Lift, Fork, 4,000 LB RT	TRK LF	M4K	3930010764237
		DJ5			4KRTWC	3930013308906
		DJ6			4KRTWOC	3930013308907
GZ	T52849	4WQ	Test Set Electronics Systems, Direct Support	DSESTS	DSESTS	6625011200764
HM	T53858	BHA	Truck Maintenance Telephone, Utility	TRK UT	M876	2320000000114
JR	T55957	HHM	Terminal Radio Telephone, Mobile Subscriber	TML RDO TL	VRC97	5820012466818
HL	T58161	B2C	Truck Tank, Fuel Service	TRK TNK FU	M978WW	2320010970249
JC	T58895*	HAE	Terminal Telephone	TML TEL	TCC73V1	5805001345405
		HAT			TCC73AV1	5805011020185
HM	T59048	B5C	Truck Tractor Cargo Tactical HET	TRK TRAC	M1070	2320013189902
HL	T59278	B2G	Truck	TRK CGO	M977	2320010996426
HF	T59346	BEC	Truck Cargo Tactical	TRK CGO	M1008A1	2320011232671
HF	T59414	BEE	Truck Cargo Tactica Shelter W/E	TRK CGO	M1028	2320011275077
HF	T59482	BED	Truck Cargo Tactical W/E	TRK CGO	M1008	2320011236827
HF	T59550	BEF	Truck Cargo, 5/4T	TRK CGO	M1028A1	2320011580820
HG	T60081	BHD	Truck Cargo, LMTV, 2 1/2T	TRK CGO	M1078	2320013543385
HG	T60149	BHH	Truck Cargo, LMTV, 2 1/2T	TRK CGO	M1078WW	2320013601898
HM	T61035	B5B	Truck Tractor (HET)	TRK TRAC	M911	2320010253733
HM	T61103	B4A	B4Etruck Tractor, Line Haul	TRK TRAC	M915	2320010284395
		B4B			M915A1	2320011252640
		B4E			M915A2	2320012725029
HM	T61171	B4D	Truck Tractor (MET)	TRK TRAC	M920	2320010284397
HJ	T61307	BTY	Truck Tractor, MTV, 5T, W/W	TRK TRAC		2320013601892
HF	T61494	BBB	Truck Utility Cargo Troop Carrier W/E	TRK UT	M998	2320011077155
		BBN			M998A1	2320013719577
HF	T61562	BBE	Truck Utility Cargo Troop Carrier W/W	TRK UT WW	M1038WW	2320011077156
		BBP			M1038A1WW	2320013719578
HI	T61704	BR7	Truck Cargo, MTV, LWB 5T	TRK CGO	M1085	2320013544530
HI	T61772	BT5	Truck Cargo, MTV, LWB 5TWW	TRK CGO	M1085WW	2320013601897
HI	T61840	BR8	Truck Cargo, MTV, LWB, W/MHE, 5T, W/W	TRK CGO	M1086WW	2320013544531
HI	T61908	BR2	Truck Cargo, MTV, 5T	TRK CGO	M1083	2320013543386
HL	T63093	B2B	Truck Wrecker W/W	TRK WRK WW	M984WW	2320010970248
		B2L			M984A1WW	2320011957641
HJ	T64911	BR5	Truck, Dump, MTV, 5T	TRK DMP	M1090	2320013544529
HJ	T64979	BTZ	Truck, Dump, MTV, 5T, W/W	TRK DMP	M1090WW	2320013601893
HJ	T65526	BTK	Truck, Dump, MTV, 5T	TRK DMP	M1094	2320013553062
HJ	T65594	BT2	Truck, Dump, MTV, 5T, W/W	TRK DMP	M1094WW	2320013601894
PC	T73645	DXA	Truck, Lift, Fork 4,000 LB, Clean Burn Diesel	TRK LF	CBD4000	3930011727891
HL	T87243	B2H	Truck Tank Fuel Servicing	TRK TNK FU	M978	2320011007672
HL	T88677	B2A	Truck Tractor Tactical W/W	TRK TRAC	M983WW	2320010970247
HM	T91656	B4C	Truck Tractor (LET), 6X6	TRK TRAC	M916	
		B4F			M916A1	
HF	T92242	BBF	Truck Utility ARMT Carrier ARMD	TRK UT	M1025	2320011289551
		BBV			M1025A1	2320013719584
HF	T92310	BBG	Truck Utility ARMT Carrier ARMD	TRK UT WW	M1026WW	2320011289552
		BBQ			M1026A1WW	2320013719579
HH	T93484	BHE	Truck, Van, LMTV, 2 1/2T	TRK VAN	M1079	2320013543384
HT	T93761	C9C	Trailer Palletized Loading	TRLR PLS	M1076	2330013035197
NJ	T94171	ZJM	Truck Well Drilling Support	TRK DR SPT	WDS	3820011784980
HJ	T94709	BR4	Truck Wrecker, MTV, 5T	TRK WKR	M1089	2320013544528
PL	U12203	DSH	Spreader Lifting Frt Container	SPDR LFT	SLFCTL	3990002969398
		DSL			SLFCTLSA	3990011280089
		DSP			ISO214A	3990012582010
LF	V00426	WAX	Vessel Logistic Support, 245 to 300 FT LG, 3,000 to 5,500 Ton Cap	LSV	LSVNDI	1915011538801

Table B-1
List of ground equipment for DA Form 2406—Continued

ECC	LIN	EIC	Nomenclature	Abbreviation	Model number	NSN
QH	V12141*	ZAC	Tank and Pump Unit	TNK PMP UT	MDL1800	4930000701181
		ZAE			MD2938	4930000784939
		ZAO			MD1151	49300005422800
		ZBG			ENG2519	4930009878576
		ZAR			HLND2000	4930008778678
		ZBE			ORRBL100	4930009263692
		ZAD			BOW36W50	4930000784938
		ZBD			ALTECH	4930009263581
		ZAL			13217E7100	4930004269960
		ZBH			13217E7130	4930011307281
		ZA5			126ETP	4930012740021
FB	V13101*	ABB	Tank, Combat, Full Tracked	TNK CBT FT	M60A3	2350001486548
JC	V31452*	HAD	Terminal Telephone	TML TEL	TCC73V2	5805001345404
		HAU			TCC73AV2	5805011357070
JC	V57504*	HJM	Terminal Telegraph	TML TG	TSC58	5805000105287
		HLV			TSC58A	5805010956232
JC	V58827*	HAG	Terminal Telephone	TML TEL	TCC72	5805001555599
		HAR			TCC72A	5805010993566
		8BM			V5A	6515011167903
OK	V99288	8BO	Ventilator Mobile Volume	VENT ANES	750M	6530013270686
OK	V99538	8BP	Ventilator Volume Portable	VENT VOL	15304	6530013748903
		ZIP			ROWPU600	4610010268980
QJ	W37311	ZIJ	Water Purif Equip Set: Reverse Osmosis 600 GPH	WTR PURIF	CPL81045	4610011141450
QJ	W47225*	ZHN	Water Storage/Distribution Set	WTR S/D ST	ROWPU3000	4610012198707
		ZH2			ROWPU1	4610013711790
QJ	W55968	ZIK	Water Storage/Distribution Set	WTR SD ST	40000GPD	4610011141451
ND	W76268	EBB	Tractor FL, TRKD Low SPD DSL	TRAC FL	D5BS	2410011276512
		EBS			D5BS1	2410012701192
ND	W76285	EA8	Tractor Full Tracked, Low Speed	TRAC FT	1150ROPS	2410010244065
		EBA			D5BNS	2410011267902
		EBT			D5BNS1	2410012968479
ND	W76336	EBC	Tractor Full Tracked, Low Speed, DSL	TRAC FT	550C	2410011399859
GJ	W76473	ASA	Tractor, Full Tracked, High Speed Armored, Dozer/Scraper Combination Winch	TRAC FT	M9	2350008087100
		EA7			D7FWNTRZD	2410003006664
ND	W76816	EA6	Tractor, Full Tracked, Low Speed W/Bulldozer, W/Winch	TRAC FT	D7FWR	2410001859792
		EA2			D7FDV29	2410001777284
		EBM			D7G	2410012237261
		EAW			D7FWR	2410001859794
ND	W83529	EAU	Tractor, Full Tracked, Low Speed, W/Bulldozer, W/Ripper	TRAC FT	D7FDV29	2410001777283
		EAZ			D7GWROPS	2410012230350
		EAC			D8K8A58	2410005747597
ND	W88575	EAD	Tractor, Full Tracked, Low Speed, W/angle Dozer, W/Winch (CCE)	TRAC FT	D8K8S8	2410005747598
		EDH			JD410	2420005670135
ND	W88699	EDH	Tractor, Wheeled W/Backhoe, W/Loader, W/Hydraulic Tool Attachment (CCE)	TRAC WHL	D8K8A58	2410005747597
		EAC			D8K8S8	2410005747598
HT	W95537	CDA	Tractor, Wheeled W/Backhoe, W/Loader, W/Hydraulic Tool Attachment (CCE)	TRAC WHL	JD410	2420005670135
HT	W95537	CDC	Trailer Cargo 3/4T	TLR CGO	M101	2330007389509
		CDB			M101A1	2330008986779
LM	X23277	XMA	Transporter, Bridge Floating	TRSP BRDG	M101A2	2330011024697
		XMM			PACAR	5420000715321
OQ	X37050	8DA	X-Ray Apparatus Field Dental	XRY AP DTL	SWRBT9999	5420011756524
		8DE			D3152	6525010992320
HG	X40009	8DJ	Truck, Cargo, 21/2 Ton	TRK CGO	G336	6525012070824
		BMA			ALPHAPM	6525013707552
HG	X40077	BHK	Truck, Cargo, 21/2 Ton	TRK CGO	M35A2	2320000771616
		BMR			M35A3	2320013832047
HG	X40146	BHP	Truck, Cargo, Drop Side 21/2T	TRK CGO	M35A2C	2320009260873
		BMB			M35A3C	2320013832050
HG	X40214	BHL	Truck, Cargo, 21/2T W/W	TRK CGO WW	M35A2WWW	2320000771617
		BMS			M35A3WWW	2320013833850
HG	X40283	BHQ	Truck, Cargo, Drop Side 21/2T W/W	TRK CGO WW	M35A2CWWW	2320009260875
		BMC			M35A3CWWW	2320013832049
HG	X40420	BMD	Truck, Cargo, 21/2T XLWB	TRK CGO	M36A2	2320000771618
		BHN			M36A3	2320013832048
HI	X40794	BQL	Truck, Cargo, 21/2T XLWB W/W	TRK CGO WW	M36A2WWW	2320000771619
		BSD			M36A3WWW	2320013832046
HI	X40794	BRY	Truck, Cargo, Drop Side, 5 Ton	TRK CGO	M54A2C	2320007612854
		BSS			M813A1	2320000508913
		BS7			M923	2320010502084
					M923A1	2320012064087
					M923A2	2320012300307

Table B-1
List of ground equipment for DA Form 2406—Continued

ECC	LIN	EIC	Nomenclature	Abbreviation	Model number	NSN
HI	X40831	BQH BSB BRX BSU	Truck, Cargo, 5T, LWB	TRK CGO	M54A2 M813 M924 M924A1	2320000559266 2320000508902 2320010478773 2320012052692
HI	X40931	BQS BSC BRT BST BS8	Truck, Cargo, Drop Side, 5 Ton W/W	TRK CGO WW	M54A2CWW M813A1WW M925WW M925A1WW M925A2WW	2320009260874 2320000508905 2320010478769 2320012064088 2320012300308
HI	X40968	BQG BSA BRW BSV	Truck, Cargo, 5T LWB W/W	TRK CGO WW	M54A2WW M813WW M926WW M926A1WW	2320000559265 2320000508890 2320010478772 2320012052693
HI	X41105	BSK BRV BSW BS9	Truck, Cargo, 5T XLWB	TRK CGO	M814 M927 M927A1 M927A2	2320000508988 2320010478771 2320012064089 2320012300309
HI	X41242	BQB BSJ BRU BSX BTM	Truck, Cargo, 5T XLWB, W/W	TRK CGO	M55A2WW M814WW M928WW M928A1WW M928A2WW	2320000559259 2320000508987 2320010478770 2320012064090 2320012300310
HJ	X43708	BQE BSF BTH BSY BTN	Truck, Dump, 5 Ton	TRK DMP	M51A2 M817 M929 M929A1 M929A2	2320000559262 2320000508970 2320010478756 2320012064079 2320012300305
HJ	X43845	BQF BSR BTG BSZ BTO	Truck, Dump	TRK DMP WW	M51A2WW M817WW M930WW M930A1WW M930A2WW	2320000559263 2320000510589 2320010478755 2320012064080 2320012300306
NN	X44403	EZY EZZ	Truck, Dump, 20 Ton (CCE)	TRK DMP	F5070 M917	3805001927249 3805010284389
PG	X48914	DJC DJS DJJ DJB DJL DJQ DJT DJK	Truck, Lift Fork, Dsl Drvn, 6000 LB	TRK LF	ARTFT6 ARTFT6ROPS MLT6 MLT62 MLT6CH MLT6CHROPS MLT6ROPS MLT6W	3930004195744 3930010543830 3930009030900 3930003271575 3930009370220 3930010534823 3930010543831 3930009263835
PB	X50489	DBE DBG DAC DBN DBS DBY DAE DAJ DA3 DAM DDC DCB DDD	Truck, Lift Fork, Elec, 4,000 LB 180 IN LH	TRK LF	040M02 337450 FTD040EE 4024 FTHEG BF40 CE40AEE180 FL40EE6250 FTHYG FTD040 BAK04EE CF40 E40EV36V	3930000645871 3930000866677 3930002366253 3930002668966 3930002729972 3930002738229 3930003271600 3930004035662 3930005541985 3930007096341 3930007096358 3930009376176 3930012238437
PB	X50900	DAK DDA DDB	Truck, Lift Fork, Elec, 6,000 LB 158 LH	TRK LF	FE6024 EE5600 60HEV36VEE	3930004798769 3930009357867 3930012238436
HJ	X56586	BSP	Truck, Stake, 5 Ton W/W	TRK STK	M821WW	2320000509015
HJ	X59326	BQC BSH BTE BS2 BTP	Truck, Tractor, 5 Ton	TRK TRAC	M52A2 M818 M931 M931A1 M931A2	2320000559260 2320000508984 2320010478753 2320012064077 2320012300302
HJ	X59463	BQD BSG BTD BS3 BTQ	Truck, Tractor, 5 Ton W/W	TRK TRAC	M52A2WW M818WW M932WW M932A1WW M932A2WW	2320000559261 2320000508978 2320010478752 2320012052684 2320012300303
HJ	X62237	BSM BTB BS4 BTR	Truck, Van Expansible	TRK VAN	M820 M934 M934A1 M934A2	2320000509006 2320010478750 2320012052682 2320012300300

Table B-1
List of ground equipment for DA Form 2406—Continued

ECC	LIN	EIC	Nomenclature	Abbreviation	Model number	NSN
HJ	X62271	BSN BTC BS5 BTS	Truck, Van, Expansible 5T W/Hydraulic Lift Gate	TRK VAN	M820A2 M935 M935A1 M935A2	2320000509010 2320010478751 2320012052683 2320012300301
HH	X62340	BMJ	Truck, Van, Shop, 21/2 Ton	TRK VAN	M109A3	2320000771636
HH	X62477	BMK	Truck, Van, Shop, 2 1/2 Ton	TRK VAN	M109A3WWW	2320000771637
HJ	X63299	BQA BSQ BTF BS6 BTT	Truck, Wrecker, 5 Ton W/W	TRK WRK	M543A2WW M816WW M936WW M936A1WW M936A2WW	2320000559258 2320000510489 2320010478754 2320012064078 2320012300304
OQ	X90968	8DH	X-Ray Apparatus Low Capacity Port	XRY LO	CAP 1200	6525013253740
OQ	X92158	8DG	X-Ray Apparatus Radiographic and Fluroscopic	XRY RF	C58952	6525013126411
OQ	X92545	8DI	X-Ray Apparatus Radiographic Medical	XRY RM	LCROKS	6525013849296
QJ	Y35486*	ZIB	Water Purification Equipment Set: Truck Mounted 1,500 GPH	WPE 1500	1500GPH	4610002026925
QJ	Y36034*	ZIC	Water Purification Equipment Set: Truck Mounted 3,000 GPH	WPE 3000	3000GPH	4610002028701

Notes:

* Denotes that items will be reported as systems.

Section II

Reportable Ground Systems

Report systems only when you have the primary mission item(system LIN) on hand (see para 2-6i). Subsystems are considered only when they are authorized.

Table B-2
List of ground systems for DA Form 2406

LIN	Noun abbreviation	Subsystem	EOS codes
A27624	ATC CEN	TSW7A Truck, 21/2T, M35A2 (X40009) Generator Set PU405 (J35492), PU802 (G53788)	C M P
A41666	RDR SET	TPQ37V1, V2, V3,V4, V5, V6 2 Radio Sets, ANVRC46 (Q53001) Generator Set, MEP115A (J38506), MEP816A (G18052) 1 Truck 5T, M813A1/M813A1WW (X40794/X4079/X40931) 1 Truck 2 1/2T M35A2 (X40009)	C C P M M
A41666	RDR SET	TPQ37V8 Generator Set, MEP115A (J38506) or MEP 816A (G18052) 1 Truck M1097 (T07679) 1 Truck Any Model (X40931)	C P M M
A93125	ARAAV	M551A1 Main Gun Machine Gun, 7.62mm (L92352) Machine Gun, 50cal (L91975) Radio Set (Q53001, Q34308)	M S S S C
C12815	CARR SM GE	M1059, M1059A3 SMK GEN Set, M157 W/120G Tank	M D
C18234	CARR PER	M113A3 Machine Gun, .50 Cal (L91975) Radio Set (Q34308, Q53001)	M S C
C30675	CTRMSR	TLQ17AV3 2 Trucks, M1037 (TO7543) M1097 (TO7679)	C M
C40499	COMP GP	200GYK29V, 200AGYK29 Vehicle Generator Radio Set KG31, KY57	A M P C K

Table B-2
List of ground systems for DA Form 2406—Continued

LIN	Noun abbreviation	Subsystem	EOS codes
C41061	CEN MSG SA	TYC39A, TYC39V1 TYC39V5 2 Generator Sets, PU650 (J35629), PU805A (G74575) 2 Trucks, 5T, M923 (X40794) 2 Trucks, 21/2T, M35A2 (X40009) 4 Air Conditioners, 18KBTU (A24463) KG 94, 82, 83, or 84 Note. For one shelter versions of this system, 1 5T truck and 2 air conditioners are required.	K C P M M E K
C41311	COTA	TTC39AV1, TTC39D Power Plant, MJQ10A (P27819), MJQ40 (P42126) 1 Truck, M923 (X40794) 2 Trucks, M35A2 (X40009) 2 Air Conditioners, 18 KBTU (A24463) KY57, 68, KG82, 83, 84, 94	C P M M E K
C60164	COMM CEN	TSC99 2 Power Plants, MJQ10A (P27819), MJQ40 (P42126) 2 Trucks, 5T, M923 (X40794) 4 Trucks, 21/2T, M35A2 (X40009) 4 Air Conditioners, 18KBTU (A24455) KG84, KWX11E	C P M M K
C76335	CFV	M3 Main Gun Radio Set (Q53001, Q56783) Missile	M S C F
C78793	COTA	TTC41V2 Truck, 11/4T, M1028/M1037, (T59414/T07543) Power Unit, PU620 (J47617) Air Conditioner 6KBTU (A23667)	C M P E
C78861	COTA	TTC41V3 Truck, 11/4T, M1028/M1037, (T59414/T07543), M1097(T07679) Power Unit, PU620 (J47617) Air Conditioner, 6KBTU (A23667)	C M P E
C78929	COTA	TTC41V4 Truck, 11/4, M885 (X39441) Power Unit, PU620 (J47617) Air Conditioner, 6 KBTU (A23667)	C M P E
C89935	CEN COMM	TSQ190V3 2 Trucks M1097 (T07679) Power Plants	C M P
C90003	CEN COMM	TSQ190V1 2 Trucks M1097 (T07679) Power Plants	C M P
90071	CEN COMM	TSQ190V2 2 Trucks M1097 (T07679) Power Plants	C M P
C90531	COMM CTL	TSQ182 Power Unit (G42170) Truck (T07679)	C P M
C90599	COMM CTL	TSQ183A Power Unit (G42170) Truck (T07679)	C P M
C90667	COMM CTL	TSQ184 Generator (G42238) Truck (T07679)	C P M
D10741	CARR MRTR	M106A1, M106A2 Mortar Radio	M S C
D11538	CARR CP	M577A2 M577A3 2 Radios (Q53001, Q56783) Generator Set (J46589)	M C P
D12087	CARR PER	M113A1, M113A2 Machine Gun, 50 CAL (L91975) Radio Set (Q34308, Q56783)	M S C
D78075	DP SYS	MYQ4 Power Plant, MJQ10A (P27819)	A P

Table B-2
List of ground systems for DA Form 2406—Continued

LIN	Noun abbreviation	Subsystem	EOS codes
		Truck, Trac, 5T, M818 or M818WW (X59326/X59436) 2 Air Conditioners, 18 KBTU (A24455)	M E
D78325	DP SYS	MYQ4A Power Plant, MJQ12A (P27823) Truck, Trac, 5T, M818 or M818WW (X59326/X59463) Truck, Van Exp, 5T, M934 (X62237) 2 Air Conditioners, 18 KBTU (A24455)	A P M M E
D82404	DECON APP	AE32U8, M17, M17A1, A2, A3 Truck (X40146) (T07543) Trailer (W95537)	D M B
E56578	CBT EN VEH	M728 Radio Set (Q53001, Q54174) Machine Gun, 7.62MM (L92352) Machine Gun, .50 CAL (L92112)	M C S S
F40307	IFV	M2A1 Main Gun Radio Set (Q53001, Q56783) Missile	M S C F
F40375	IFV	M2A2 Main Gun Radio Set (Q53001, Q56783) Missile	M S C F
F55818	FDCA	OA8390BV1 Power Plant, MJQ15 (P28075) 2 Trucks, M923 X40794 2 Radio Sets, ANVRC46 (Q53001)	C P M C
F60462	FV	M3A1 Main Gun Radio Set (Q53001, Q56783) Missile	M S C F
F60530	CFV	M3A2 Main Gun Radio Set (Q53001, Q56783) Missile	M S C F
F81880	DCON APPR	M12A1 1 Truck, 5T, M54A2C (X40794 or X40931) or M548 (D11049)	D M
G51840	GEN SET SMK	M157120GT, M15780GT Truck, M1037 (T07543), M1097 (T07679)	D M
H57505	HOW LT TWD	M119, M119A1 Truck (T07679)	S M
H57642	HOW MD SP	M109A6 Main Gun Radio Set (R44795)	M S C
H76352	FLT CEN	TSC61, 61ALP, 61BLP Power Plant, MJQ10A, (P27819), MJQ40 (P42126) Truck, 21/2T, M35A2 (X40009) 1 Air Conditioner (A24455)	C P M E
J04717	FSSP	Fuel System Supply Point 2 Filter Separators, 350 GPM (H52087) 2 Pump Assemblies, Flmbi Liquid (P97051) 6 Tank Assemblies, Fabric Collapsible (V12552)	N N N N
J30492	GEN SMK	2 M3A3 or 2 M3A4 (or 1 of each) 1 Truck, M988/M1037 (T61494/T07543) or 1 Truck, M151 (X60833), M1097 (T07679) Trailer (W95400) Note: 1/4 Ton trailer required with M151 truck.	D M M B
J81750	IFV	M2 Main Gun Radio Set (Q53001, Q56783) Missile	M S C F
K56981	HOW HV SP	M110, M110A1 M110A2 Main Gun	M S
K57392	HOW LT TWD	M101, M101A1, M102	S

Table B-2
List of ground systems for DA Form 2406—Continued

LIN	Noun abbreviation	Subsystem	EOS codes
		Truck (T61494)	M
K57667	HOW MD SP	M109, M109A2, M109A3, M109A4, M109A5 Main Gun	M S
K57803	HOW MD TWD	M114, M114A1, M114A2 Truck (X40968)	S M
K57821	HOW MD TWD	M198 Truck (X40968)	S M
L36402	LDG CT CEN	TSQ71A, 71B Power Unit, PU678 (J50185) Truck, 2 1/2T, M35A2 (X40009) Air Conditioner (A23684)	C P M E
L43664	LNCH TNK C	M48A5, M60 Radio Set 60 Foot Brdg	M C N
L67342	LCHR MCL	MK155, MK155M1, MK155M2, MK155M3 Trailer (E02670, E02807)	S B
L69306	RDO TML	TRC190V1, TRC190AV1 Generator Set, PU751 (G37273) or PU797 (G42238) Truck, M1037 (T07543), M1097 (T07679) KYK13, KY57	C P P M K
L69374	RDO TML	TRC190V2, TRC190AV2 Generator Set, PU751 (G37273), PU797 (G42238) Truck, M1037 (T07543), M1097 (T0 7679) KYK13, KY57, KG94A	C P M K
L69442	RDO TML	TRC190V3, TRC190AV3 Generator Set, PU751 (G37273), PU797 (G42238) Truck, M1037 (T07543), M1097 (T07679) KYK13, KY57	C P M K
L69510	RDO TML	TRC190V4, TRC190AV4 Generator Set, PU751 (G37273), PU797 (G42238) Truck, M1037 (T07543), M1097 (T07679) KYK13, KY57	C P M K
M04268	MGMT FAC	TSQ154, TSQ154A Truck, M1037 (T07543), M1097 (T07679) Generator Set, PU753 (G40744), PU 798 (G42170)	C M P
M04941	MDS	TMQ31 Power Plant, MJQ18 (P28015), MJQ37 (P42262) 3 Trucks, 5T, M925 (X40931)	C P M
M21948	MCS	TSQ138 Generator Set, MEP114A (J36725), MEP815A (G74643) or 60KW on board M1015A1 Carrier, M1015A1 (C10858) Air Conditioner 36KBTU (A24934)	C P M E
P05439	OPER GRP	OL412TTC46, 46A, 46B, Generator Set, PU753 (G40744), PU798 (G42170)(Shared w/LIN S24750) Truck, M1037 (T07543), M1097 (T07679)	C P M
P21220	PADS	USQ70 Vehicle	N M
P70292	OPER GRP	413TTC47, 47A, 47B Generator Set, PU753 (G40744) (Shared w/LIN S24818) Truck, M1037 (T07543)	C P M
P70360	OPER GRP	413TTC47C Generator Set, PU753 (G40744), PU798 (G42170) Truck, M1037 (T07543), M1097 (T07679) Trailer, M101A2 (W95537) KY57, KY90	C P M B K
R14148	RDR ST	TPQ36V1, 36V5, TPQ36V3 Power Plant, MJQ25 (P42364), MJQ38 (P42330) 2 Trucks, 21/2T, M35A2 (X4009) or 2 Trucks, 5T, M813A1/M813A1WW (X40794/X40931)	C P M
R14216	RDR ST	TPQ36V7	C

Table B-2
List of ground systems for DA Form 2406—Continued

LIN	Noun abbreviation	Subsystem	EOS codes
		2 Generators MEP112 2 Trucks, 5T M1097 (T07679)	P M
R33351	RDO ACC UT	TRC191, TRC191AV1, TRC191AV2 Generator Set, PU751 (G37273), PU797 (7411) Truck, M1037 (T07543) KYK13, KY57	C P M K
R36854	RCV ST RDO	TRQ32, TRQ32V1 2 Trucks, M1028A1 (T59414)	C M
R38883	RCV ST RDO	TRQ37 Truck Cargo, M1028 (T59414) Power Unit, PU620 J47617	C M P
R39452	RDO TML ST	TRC173, 173A, 173B 2 Generator Sets, MEP003 (J35825), MEP803 (G74711) or 1 Power Unit, PU618 (J47480) Truck, 5T, M923 (X40794) 2 Air Conditioners, 9 KBTU (A23955) KY57, 68, KG81 or KG94	C P M E K
R39520	RPT ST RDO	TRC174, 174A, 174B 2 Generator Sets, MEP003 (J35825) MEP 803A (G74711) or 1 Power Unit, PU618 (J47480) Truck, 5T, M923 (X40794) 2 Air Conditioners 9KBTU (23955) KY57, 68	C P M C K
R39588	RDO TML ST	TRC175, 175A, 175B 2 Generator Sets, MEP003 (J35825) or 1 Power Unit, PU618 (J47480) Truck, 5T, M923 (X40794) 2 Air Conditioners, 9KBTU (A23955) KY57, 68K	C P M E
R50544	REC VEH LT	M578 Turret Machine Gun Radio Set (Q56783)	M N S C
R50681	REC VEH MD	M88A1 Machine Gun .50 CAL S (L91975) Radio Set (Q53001)	M C
R78048	RPT ST RDO	TRC138 1 Air Conditioners 18KBTU (A26271)* Generator Set, PU631 (J46396) Truck, 21/2T, M35A2 (X40009) KG27	C C E P M K
R78067	RPT ST RDO	TRC152 Air Conditioner* (A26271) Power Unit, PU618 (J47480) Truck, 21/2T (X40009)	C E P M
R78116	RPT ST RDO	TRC138A, TRC138B TRC138C 2 Generator Sets, MEP003A (J35825) or 1 Generator Set, PU631 (J46396) Truck, 5T, M923 (X40794) 2 Air Conditioners, 9KBTU (A23955) KG57, 68	C P M E K
R92962	RDO TML ST	TRC145BV2 Air Conditioner* (A26271) Power Unit, PU625 (J46252) Truck, 11/4T, M885 (X39441) or M1028 (T59414) KG 27 (L22987)	C E P M K
R92967	RDO TML ST	TRC170V2 2 Generator Sets, MEP005A (J36109), MEP 805A (G74575) Truck, 5T, M923 (X40794) Truck, 21/2T, M35A2 (X40009) KY58, 68, KG65, 94	C P M M K
R92996	RDO TML ST	TRC145BV1 Air Conditioner, 18KBTU (A26271)* Power Unit, PU625 (J46252) Truck, 11/4T, M885 (X39441) or M1028 (T59414) KG27 L22987)	C E P M K
R93035	RDO TML ST	TRC170V3	C

Table B-2
List of ground systems for DA Form 2406—Continued

LIN	Noun abbreviation	Subsystem	EOS codes
		Power Plant, MJQ18 (P28015), MJQ40 (P42126) 2 Trucks, M1028 (T59414) KY58, 68, 94, KG65	P M K
S24750	SWTCH GRP	0N305 Generator Set, PU753 (G40744), PU798 (G42170)(Shared w/LIN P05439) Truck, M1037 (T07543), M1097 (T)7679) KG94A	C P M K
S24818	SWTCH GRP	0N306TTC47, 47A, 47B Generator Set, PU753 (G40744), PU798 (G42170) (Shared w/LIN P70292) Truck, M1037 (T07543), M1097 (T07679) KG94A	C P M K
S25379	SENS	TTC48V2, 48AV2, 48BV2 Generator Set, PU753 (G40744), PU798 (G42170) Truck, M1037 (T07543), M1097 (T07679) KYK13, KG94A, KY57, 90	C P M K
S25447	SENS	TTC48V1, TTC48AV1, 48BV1 Generator Set, PU753 (G40744), PU798 (G42170) Truck, M1037 (T07543), M1097 (T07679) KYK13, KG94A, KY57, 90	C P M K
S34963	SAT COM TM	TSC93BV1 2 Generator Sets, PU753 (G40744), PU7798 (42170) 2 Generator Sets MEP003A (J35825), MEP803A (G74711) 2 Trucks, 21/2T, M35A2C (X40077) 2 Trucks, 11/4T, M1028 (T59414) 2 Trucks, 5T, M923 (X40794) 2 Trucks, 5T M1097 (T07679)	C P P M M M M
S37228	SWTCH GRP	306TTC47C Truck (T07543), (T07679) Generator Set (G40744), PU798 (G42170) Trailer (W95537) HGF96, KGX93A, KG112, KG194A	C M P B K
S38172	SENS	TTC48CV4 Truck (T07543) (T07679) Generator Set (G40774), (G42170) Trailer (W95537) KG194A, KY90, KY57, KYK15	C M P B K
S44664	CNTRL GRP	OL414TYQ35 Generator Set, PU751 (G37273)PU797 (G42238) Truck, M1037 (T07543), M1097 (T07679)	C P M
S44732	CNTRL GRP	OL416TYQ35 Generator Set, PU753 (G40744), PU798 (G42170) (Shared w/LIN S44914) Truck, M1037 (T07543)	C P M
S44914	CNTRL GRP	OL415TYQ35 Generator Set, PU753 (G40744), PU798 (G42170) (Shared w/LIN S44732) Truck, M1037 (T07543), M1097 (T07679)	C P M
S78466	SAT COM TM	TSC85BV1 2 Trucks, 21/2T, M35A2C (X40077) 2 Trucks, 5T, M923, (X40794) 2 Generator Sets, PU405A (J35492), PU802 (G53788)	C M M P
T10138	SP EQ MNT	993, AVNC6217, CMU3, CMU5, MILS45855, SECM1975 Truck	T M
T10275	SP EQ ELEC	FSVAN15777, FSVAN1959, MILS52330, SER1961, SER1968, SER1976, SER197881, SER1982 Semitrailer	T B
T10412	SP EQ ELEC	ELECREP, MILS52377, SEER1963, SEER1968 Truck, 5T	T M
T10549	SP EQ ELEC	MED1952, ENG 4359, MILS45538 SGPRSM, SGPRSM61, SGPRSM68 Generator Truck, 5T	T P M
T13152	SP EQ ORG R	CEMCOENG40, MEDL1954, MEDL1956, MILS45537 SEORL118, SEORL66, SMGPR61, SOUTHWEST, SEORTM Truck	T M

Table B-2
List of ground systems for DA Form 2406—Continued

LIN	Noun abbreviation	Subsystem	EOS codes
T13168	TNK CBT FT	M1A1 Main Gun 1 Machine Gun, coax 7.62MM (L92352) 1 Machine Gun, .50 CAL (L91701) Radio Set (Q45779, Q56783)	M S S S C
T13169	TNK CBT FT	M60A3TTS Main Gun 1 Machine Gun, coax 7.62MM (L92352) Machine Gun, .50 CAL (L91701) Radio Set (Q53001, Q56783)	M S S S C
T13305	TNK CBT FT	M1A2 Main Gun 1 Machine Gun, coax 7.62MM (L92352) 1 Machine Gun, 50 Cal (L91701) Radio Set (Q45779, Q56783)	M S S S C
T13374	TNK CBT FT	M1, M1IP Main Gun 1 Machine Gun, coax 7.62MM (L92352) 1 Machine Gun, 7.62 MM, Loaders 1 Machine Gun, .50 CAL (L91701) Radio Set (Q45779, Q56783)	M S S S S C
T58895	TML TEL	TCC73V1, TCC73AV1 Truck, 21/2T, M35A2 (X40009) Power Unit, PU629 (J46392) Air Conditioner, 18KBTU (A26271)* KG27	C M P E K
V12141	TNK PMP UT	1800, 2938, MD1151 ENG2519, HLND2000, ORRBL100, BOW36W50, AL-TECH, 13217E7100, 13217E7130, 126ETP Truck, 5T	N M
V13101	TNK CBT FT	M60A3, Main Gun 1 Machine Gun, coax 7.62MM (L92352) 1 Machine Gun, .50 CAL (L92112) Radio Set (Q53001, Q56783)	M S S S C
V31452	TML TEL	TCC73V2, TCC73AV2 Air Conditioner, 18KBTU (A26271) Power Unit, PU629 (J46392) Truck, 21/2T, M35A2 (X40009) KG27 (L22987)	C E P M K
V57504	TML TG	TSC58, TSC58A, Air Conditioners, 9KBTU (A23828) Generator Set, PU619 (J42100) Truck, 21/2T, M35A2 (X40009) KW7 (H02300)	C E P M K
V58827	TML TEL	TCC72, TCC72A Truck, 11/4T, M885 (X39441) or M1028 (T59414) Power Unit, PU628 (J46258) Air Conditioner, 18KBTU (A26271)* KG27 (L22987)	C M P E K
W35417	WTR PURIF	ROWPU600 Tank Assy 3000 Gal Generator Set Trailer	N N P B
W47225	WTR PURIF	ROWPU3000 Tank Assy 3000 GAL (T19033) RAW Water Pump (P92030) Generator Set (J38301) Truck (X59463) Trailer (S70027)	N N N P M B
Y35486	WPE 1500	1500GPH Tank Pump Centrifugal Generator Set Trailer	N N N P B

Table B-2
List of ground systems for DA Form 2406—Continued

LIN	Noun abbreviation	Subsystem	EOS codes
		Truck	M
Y36034	WPE 3000	000GPH	N
		Tank	N
		Pump Centrifugal	N
		Generator Set	P
		Trailer	B
		Truck	M

Notes:

¹ Count the air conditioner subsystem only when it is authorized and mission essential in your area.

² Power sources air conditioners, or vehicles may be replaced by authorized substitutes listed in SB 700-20, appendix H.

³ Consult the respective technical manual for COMSEC quantities required.

Section III List of Reportable Aircraft Systems

Aircraft are reported in accordance with chapter 3.

Table B-3
List of aircraft systems for DA Form 1352

ECC	LIN	EIC	Nomenclature series	Noun abbreviation	Model design	NSN
AF	29744	SCB	Airplane	APLN	12C	1510010703 661
AF	A29812	SCC	Airplane	APLN	C12D	1510010879 129
AF	A30062	SCF	Airplane	APLN	C12F	1510012355 840
AF	A30296	SOC	Airplane	APLN	OV1D	1510008693 654
AF	A30312	SCE	Airplane	APLN	C12L	1510012652 043
AF	A30444	SOD	Airplane	APLN	RV1D	1510003688 440
AF	A30946	SRH	Airplane	APLN	U21A	1510009338 223
AF	A30953	SRG	Airplane	APLN	U21G	1510001401 627
AF	A30989	SVB	Airplane	APLN	UV18A	1510010111 462
AF	Z04378	SCG	Airplane	APLN	RC12G	1510012152 942
AF	Z04549	SCD	Airplane	APLN	RC12D	1510011318 262
AR	A21633	ROC	Helicopter	HCPTR	OH58D	1520011255 476
AR	H28647	RHA	Helicopter	HCPTR	AH64A	1520011069 519
AR	H29762	RAD	Helicopter	HCPTR	AH1P	1520011684 259
AR	H30517	RCD	Helicopter	HCPTR	CH47D	1520010883 669
AR	H30616	RSB	Helicopter	HCPTR	EH60A	1520010820 686
AR	H30766	RSC	Helicopter	HCPTR	MH60K	1520012824 051
AR	H31110	ROB	Helicopter	HCPTR	OH58C	1520010204 216
AR	H31872	RUE	Helicopter	HCPTR	UH1V	1520010434 949
AR	H32361	RSM	Helicopter	HCPTR	UH60L	1520012984 532
AR	H32611		Helicopter	HCPTR	TH67A	1520013853 844
AR	H44644	RAF	Helicopter	HCPTR	AH1F	1520011684 260
AR	H44712	RAE	Helicopter	HCPTR	AH1E	1520011922 478
AR	H46150	RCE	Helicopter	HCPTR	MH47E	1520012823 747
AR	H48918	RHB	Helicopter	HCPTR	AH64D	1520013558250
AR	K29694	RAA	Helicopter	HCPTR	AH1S	1520005049 112
AR	K30645	R6A	Helicopter	HCPTR	OH6A	1520009181 523
AR	K31042	ROA	Helicopter	HCPTR	OH58A	1520001697 137
AR	K31795	RUA	Helicopter	HCPTR	UH1H	1520000877 637
AR	K32293	RSA	Helicopter	HCPTR	UH60A	1520010350 266
AT						

Section IV Reportable Missile Systems

Missile system/subsystems are reported in accordance with chapter 4.

Table B-4
List of missile systems for DA Form 3266-1

Air Defense Systems

ECC	LIN	Nomenclature
BL	C40746	JOINT TACTICAL GROUND STATION (JTAGS)
BP	E08497	PATRIOT FIRING BATTERY
BN	F57713	AVENGER
BL	G92997	SENTINEL, RADAR SET ANMPQ64
BP	J82250	PATRIOT COMMAND AND CONTROL SYSTEM
BM	L60078	LIGHT SPECIAL DIVISION INTERIM SENSOR (LSDIS)

Land Combat Systems/Subsystems

ECC	LIN	Nomenclature
CF	C12155	GROUND VEHICULAR LASER LOCATOR DESIGNATOR (GVLLD) M981
CC	E56896	TOW 2, IMPROVED TOW VEHICLE
Ch	L44830	HELLFIRE
CG	L44894	MULTIPLE LAUNCH ROCKET SYSTEM
CC	L45740	TOW 2, HMMWV
CD	N23721	DRAGON
Cf	T26457	GROUND VEHICULAR LASER LOCATOR DESIGNATOR (GVLLD)

Table B-4
List of missile systems for DA Form 3266-1—Continued

Air Defense Systems

ECC	LIN	Nomenclature
CZ	T92961	BASE SHOP TEST FACILITY ANTSM191
CA	W00869	LAND COMBAT
CJ	001000	MAST MOUNTED SIGHT
CM	003000	TOW M65

Appendix C

Management control evaluation checklist

C-1. Function.

The function covered by this checklist is: Logistics Readiness Materiel Condition Status Reporting for aircraft, missile, and ground equipment according to AR 700-138, Army Logistics Readiness and Sustainability.

C-2. Purpose.

The purpose of this checklist is to assist assessable unit managers in evaluating the key management controls listed below. It is not intended to cover all controls.

C-3. Instructions.

Answers must be based on the actual testing of key management controls (for example, document analysis, direct observation, sampling, simulation, other). Answers which indicate deficiencies must be explained and corrective action indicated in supporting documentation. These management controls must be evaluated at least once every 5 years. Certification that this evaluation has been conducted must be accomplished on DA Form 11-2-R(Management Control Evaluation Certification Statement).

C-4. Test Questions:

- Are reporting requirements of AR 700-138 being met?
- Are materiel condition status reports complete with all required attachments and comments and forwarded to appropriate materiel readiness activities?
- Is materiel condition status data being maintained on a daily basis and compiled as required on appropriate forms?
- Are readiness goals for equipment being met?
- Are parts shortages being reported to appropriate supply activity?
- Are commanders reviewing materiel condition status reports before forwarding to appropriate materiel readiness activities?
- Are corrective actions being taken to improve equipment readiness on a continuous basis?

C-5. Supersession.

This check replaces the checklist(s) for Maintenance Activities/Equipment Readiness and Management and Command Activities/Logistics Readiness, previously published in DA Circulars 11-93-2 and 11-87-3.

C-6. Comments.

Help make this a better tool for evaluating management controls. Submit comments to: Deputy Chief of Staff for Logistics, ATTN: DALO-SMR, 500 Army Pentagon, Washington, DC 20310-0500.

Glossary

Section I Abbreviations

ACALA

U.S. Army Chemical and Acquisition Logistics Activity

ADF

automatic direction finder

ADP

automatic data processing

AFP

annual funding program

AHRS

altitude heading reference system

ALA

Army logistic assessment

ALO

authorized level of organization

ALT

airborne laser tracker

AMC

U.S. Army Materiel Command

AMCOM

U.S. Army Aviation and Missile Command

AMDF

Army master data file

AMG

antenna mast group

AMIM

Army modernization information memorandum

AMP

Army Materiel Plan

AMPMOD

Army materiel plan modernization

AMSS

Army Materiel Status System

AOAP

Army Oil Analysis Program

ARES

AMC Readiness Evaluation System

ARI

automatic return item

ARNGUS

Army National Guard

ARTEP

Army Training and Evaluation Program

ASA(RDA)

Assistant Secretary of the Army (Research, Development, and Acquisition)

ASA(FM)

Assistant Secretary of the Army (Financial Management)

ASE

aircraft survivability equipment

ASL

authorized stockage list

ATAS

air-to-air-stinger

ATHS

airborne target handover system

AVIM

aviation intermediate maintenance

AVIONICS

aviation electronics

AVUM

aviation unit maintenance

AWRPS

Army War Reserve Prepositioned Sets

BDA

battle damage assessment

CAA

U.S. Army Concepts Analysis Agency

CAR

Chief Army Reserve

CBS-X

Continuing Balance System--Expanded

CCSS

Commodity Command Standard System

CDS

control display system

CE

communications electronics

CECOM

U.S. Army Communications-Electronics Command

CG

Commanding General

CIC

content indicator code

CLRP

Command Logistics Review Program

CLRT

command logistics review team

CLRT-X

command logistics review team--expanded

CNGB

Chief, National Guard Bureau

COA

Comptroller of the Army

COB

close of business

COMSEC

communications security

CONUS

Continental United States

CONUSA

Continental United States Army

COR

contracting officer's representative

COSCOM

corps support command

CSA

Chief of Staff, Army

CSS

combat service support

CY

calendar year

DA

Department of Army

DAMWO

DA modification work order

DCSINT

Deputy Chief of Staff for Intelligence

DCSLOG

Deputy Chief of Staff for Logistics

DCSOPS

Deputy Chief of Staff for Operations and Plans

DCSPER

Deputy Chief of Staff for Personnel

DDN

Defense Data Network

DESCOM

Depot Systems Command

DF

direction finding

DIO

Director of Industrial Operations

DISC4

Director of Information Systems for Command, Control, Communications, and Computers

DISCOM

division support command

DLA Defense Logistics Agency	EOH equipment onhand	GSU general support unit
DMM digital multimeter	EOS effect on system	HF high frequency
DMWR depot maintenance work requirement	ER equipment readiness	HQ headquarters
DOD Department of Defense	ERC equipment readiness code	HQDA Headquarters, Department of the Army
DODAAC Department of Defense Activity Address Code	ES equipment serviceability	HSS helmet sight system
DPAE data processing automatic equipment	ERD equipment readiness date	HUD heads-up display
DPDO Defense Property Disposal Office	EUSA Eighth United States Army	ICC information coordination central
DPG Defense Planning Guidance	FAD force/activity designator	IDAPR Individual DSS Activity Performance Report
DRC Data reduction center	FDR flight data recorder	IHADSS integrated helmet and display sight system
DS direct support	FLIR forward looking infrared	ILO in lieu of
DSN defense switched network	FF field format	ILSLL Integrated Logistics Support Lessons Learned
DSS direct support system	FFIRN field format index reference number	IMC instrument meteorological conditions
DSU direct support unit	FFN field format name	IMCSRS Installation Materiel Condition Status Reporting System
DVO direct view optical	FF SEQ field format sequence number	IMMC Intelligence Materiel Management Center
DX direct exchange	FM frequency modulation	IOC initial operational capability
EAC echelons above corps	FMC fully mission capable	IPD issue priority designator
ECAS Enhanced Cobra Armament System	FMP Force Modernization Program	IR infrared
ECC equipment category code	FORCEM force evaluation model	JCS Joint Chiefs of Staff
ECS equipment concentration sites	FORSCOM Forces Command	JMRR Joint Monthly Readiness Review
EDD estimated delivery date	FSC Federal supply classification	JSCP Joint Strategic Capabilities Plan
EHAT equipment historical availability trends	GOCOM general officer command	LAAT laser augmented airborne tracker
EIC end item code	GS general support	LAO logistic assistance office
EIR equipment improvement recommendation	GSA General Services Administration	LAP Logistic Assessment Program; logistic assistance program
	GSE ground support equipment	

LCC logistic control code	MICOM U.S. Army Missile Command	NSN national stock number
LCSS Land Combat Support System	MLRS multiple launch rocket system	OCONUS outside Continental United States
LIF logistic intelligence file	MMS mast mounted sight	OCSA Office of the Chief of Staff, Army
LIN line item number	MOC maintenance operational check	ODCSLOG Office of the Deputy Chief of Staff for Logistics
LMF language media format	MOD modernization	ODCSOPS Office of the Deputy Chief of Staff for Operations
LOGSA Logistics Support Activity	MOS military occupational specialty	MOOTW military operations other than war
LOGSACS Logistics Structure and Composition System	MPE maximum permissible exposure	OPLAN operational plan
MAAG Military Assistance Advisory Group	MRC Materiel Readiness Command	ORF operational readiness float
MACOM major Army command	MRCTS missile round cable test set	OSD Office of the Secretary of Defense
MAIT Maintenance Assistance and Instruction Team	MRDB Materiel Returns Database	PARR program analysis resource review
MASDC military aircraft and disposition center	MRP Materiel Returns Program	PLL prescribed load list
MATCAT materiel category	MSC major subordinate command	PMC partial mission capable
MATES mobilization and training equipment site	MSGID message identifier	PMCS preventive maintenance checks and services
MC mission capable	MTOE modification table of organization and equipment	PNVS pilot night vision sensor
MCP Materiel Change Program	MWO modification work order	POC point of contact
MCS maintenance control system	NGB National Guard Bureau	POL petroleum, oil, and lubricants
MCPU master controller processor unit	NICP national inventory control point	POM program objective memorandum
MCSR Materiel Condition Status Report	NLT not later than	PPBES planning, programming, and budgeting execution system
MD mission design	NMC not mission capable	PQDR product quality deficiency report
MDS mission design series	NMCM not mission capable maintenance	QAR quality assurance representative
MFD multifunctional display	NMCS not mission capable supply	RC Reserve Component
MDW U.S. Army Military District of Washington	NMP national maintenance point	RCM radar countermeasures; reliability centered maintenance
MEC missile equipment code	NOREP not reportable	RIC routing identifier code

RICC reportable item control code	TAEDP MOD Total Army Equipment Distribution Program Modernization	USAGMPA U.S. Army General Materiel and Petroleum Activity
RFD radio frequency display	TAMMS The Army Maintenance Management System	USALAO U.S. Army Logistics Assistance Office
RIDB readiness integrated database	TAP The Army Plan	USALIA U.S. Army Logistics Integration Agency
ROTC Reserve Officer Training Corps	TCN Transportation Control Number	USAPAC U.S. Army Pacific Command
RRS readiness reporting system	TD touchdown	USAPPC U.S. Army Publications and Printing Command
SACS structure and composition system	TDA table of distribution and allowances	USAR U.S. Army Reserve
SAMS Standard Army Maintenance System	TIS Thermal Imaging System	USARC U.S. Army Reserve Command
SAILS standard Army intermediate level supply subsystem	TM technical manual	USAREUR U.S. Army, Europe
SCG security classification guide	TOE table of organization and equipment	USASPTAP U.S. Army Support Activity, Philadelphia
SCUR selected command unit review	TOW tube-launched, optically tracked wire-guided	USR unit status report
SDC sample data collection	tng training	UTES unit training equipment site
SLAR side looking airborne radar	TPFDD Time Phased Force Deployment Data	UUT unit under test
SSMO State surface maintenance officer	TRADOC U.S. Army Training and Doctrine Command	VHF very high frequency
SN serial number	TSG The Surgeon General	VMC visual meteorological conditions
SOF safety of flight	TSU telescopic sighting unit	VTOL vertical takeoff and landing
SPBS Standard Property Book System	TV television	WWMCCS Worldwide Military Command and Control System
SPL self propelled launcher	UESSR unit equipment status and serviceability report	Section II Terms
STOL short takeoff and landing	UHF ultra high frequency	Allied data publication-1 North Atlantic Treaty Organization Command and Control Information System standard data elements (ADatp-1).
TAA total Army analysis	UIC unit identification code	Allied data publication-3 Catalog of North Atlantic Treaty Organization messages, sets, and fields (ADatp-3).
TAADS The Army Authorization Documents System	ULLS Unit Level Logistics System	Army War Reserve Prepositioned Sets Prepositioned sets of equipment configured in separate company, battalion, brigade, or supporting combat support/combat service support unit, for example, corps, division and/or theater base. This equipment will be drawn in time of conflict as a unit set and manned by a deploying unit (AC or RC).
TACOM U.S. Army Tank-Automotive Command	UMFP unit materiel fielding points	
TADS target acquisition designations system	USAR U.S. Army Reserve	
TAEDP Total Army Equipment Distribution Program	USACAA U.S. Army Concepts Analysis Agency	

Authorized level of organization (ALO)

The authorized strength and equipment level for MTOE units, which may be expressed numerically or in letter-designated levels representing percentages of full TOE/MTOE manpower spaces. For example, ALO 1 is 100 percent, ALO 2 about 90 percent, ALO 3 about 80 percent, and ALO 4 about 70 percent. It is listed in section I of the unit MTOE. The JCS term 'readiness rating limitations' is synonymous with ALO for Army unit status reporting.

Available days

The days equipment is onhand in an organization and fully able to perform its mission.

Aviation intermediate maintenance

High mobility, a forward orientation, and repair by replacement in division and corps (forward area).

Aviation unit maintenance

Quick turnaround based on discard of selected items; replacement and rapid evacuation of components; and minor repairs (check, adjust, clean, lubricate, tighten, etc.).

Bailment

Aircraft assigned to a contractor by HQDA directive for test purposes other than research and development.

Character

A letter, digit, or other symbol that is used to represent data.

Data

A representation of facts, concepts, or instructions in a formalized manner suitable for communication, interpretation, or processing by humans or by automatic means. Any representation such as characters or analog quantities to which meaning is or might be assigned.

Data base

A collection of data, part of the whole of another collection of data, and consisting of at least one file that is sufficient for a given purpose or for a given data processing system.

Data chain

The combination of two or more related data elements linked together in a specific order for a particular purpose or use.

Data code

A number, letter, symbol--or any combination thereof--used to represent a data element.

Data element

A class or a unit of information that has a unique meaning.

Data item

A subunit of information within a class of data (data element). Each data item has some unique feature that distinguishes it from other

data items classified under the same data element. However, each data item also has characteristics, conditions, or properties that determine the class, (i.e., the data element of which it is a member).

Deficiency

A deficiency is a fault or problem so severe that it causes the equipment to malfunction. Faults that make the equipment not mission capable (NMC) are deficiencies.

a. A defect is a deficiency when it--

(1) Makes an item, subsystem, or system inoperable.

(2) Is listed in the 'equipment is not ready/available if' column of the operator's preventive maintenance checks and services (PMCS) list.

(3) Makes the equipment unsafe or endangers the operator or crew.

(4) Will seriously damage the equipment if it is operated.

(5) Makes the equipment so inaccurate, it cannot do its mission as required.

(6) Causes an operating problem that cuts down on COMSEC equipment abilities to protect defense information.

b. You assign a status symbol X to a deficiency. All the situations above are deficiencies and will carry an X status symbol.

DOD Activity Address Code (DODAAC)

A distinctive six-position alphanumeric code assigned to identify specific units, activities, or organizations. The first position designates the military service or other Government element of ownership or sponsorship. The remaining five positions are assigned according to the Central Service Point (CSP) of the participating service or agency.

Depot maintenance work requirements

A maintenance serviceability standard for depot maintenance operations. It prescribes the scope of work to be performed on an item by organic depot maintenance facilities or contractors; types and kinds of materiel to be used; and quality of workmanship. Also, repair methods; procedures and techniques; modification requirements; fits and tolerances; equipment performance parameters to be achieved; quality assurance discipline; and other essential factors to ensure that an acceptable and cost effective product is obtained.

End Item Code (EIC)

The EIC is the data element that identifies a part to a specific end item. It is a three position alphanumeric code that uses the full English alphabet and the numbers 2--9, and is structured so that each position of the code has specific meaning: (1) The first position identifies the National Inventory Control Point manager and is a broad categorization generally descriptive of the item but not identifying specific items. (2) The second position provides for a further subdivision of the broad category established in the first position. By using the first position as a base, the

two position combination identifies a broad generic family of end items. (3) The third position is used in combination with the first two positions to identify a specific end item national stock number (NSN) within a generic classification. This three position identification is unique to a single end item.

Example: AAB

- A--TACOM Combat Vehicles
- AA--TACOM Combat Vehicles, Main Battle Tank M1
- AAB--TACOM Combat Vehicles, Main Battle Tank M1, 2350-01-087-1095 M1E1 120MM Gun

Equipment category code

A two-position alphabetical code. The first letter identifies the primary category of equipment, (for example, A = Aircraft, B = Air Defense Systems, F = Tanks, G = Combat Vehicles, and H = Tactical Vehicles. The second letter identifies a specific type of equipment within the primary category, (for example, AF = Aircraft, Fixed wing; AR = Aircraft; Rotary wing, GA = self propelled Howitzers; and HB = Truck 1/4 ton). The two-position ECC is--

a. Used in automated data systems to produce the complete description of an item of equipment by make, model, noun nomenclature, line number and NSN if desired or required.

b. Entered in specific blocks or positions on manually produced data source documents.

Equipment end item

A final combination of assemblies, components/modules, and parts that is designed to perform an operational function and is ready for intended use. These end items are normally type-classified and assigned line item identification numbers, but may require other end items to perform a mission.

Equipment onhand

A logistic indicator depicting the organization's logistical status on the availability of equipment.

Equipment readiness

A logistic indicator that portrays the combined impact of equipment shortages and maintenance shortfalls on a unit's ability to meet wartime requirements.

Equipment readiness code

A one-digit code explaining an item's importance to a unit's combat, combat support, or service-support mission. The codes are assigned to items on modification tables of organization and equipment (MTOEs). Since equipment can serve different purposes, the same item may have a different code in different units. AR 220-1 governs ERCs. ERCs

go on the DA Form 2407, Maintenance Request, and DA Form 2406, Materiel Condition Status Report.

a. ERC A and P apply to primary weapons and equipment. Those are items essential to and used directly in the assigned mission.

b. ERC B applies to auxiliary equipment. Those are items which supplement ERC A items or take the place of ERC A items if they become inoperative.

c. ERC C applies to administrative support equipment. ERC C items support the assigned operational missions and tasks.

Fully mission capable

Equipment and systems that are safe and have all mission-essential subsystems installed and operating as designated by the U. S. Army. Equipment is fully mission capable when it can perform all of its combat missions without endangering the lives of crew or operators. The terms ready, available, and full mission capable are often used to refer to the same status; equipment is onhand and able to perform its combat missions. FMC percent is total available days divided by possible days and multiplied by 100.

Initial operational capability

The first attainment by the MTOE unit of the capability to operate and support effectively in their operational environment, a new, improved, or displaced Army materiel system.

In lieu of

Older items/systems, that due to modernization, are being replaced by a new item which is authorized but not yet fielded. In-lieu-of items/systems must have the same characteristics as the authorized item, perform the same function, be supportable, and be deployable if the authorized item/system is not available.

Installation Materiel Condition Status Reporting System (IMCSRS)

A PC based software program located at command or installation level used for processing DA Form 2406, Materiel Condition Status Report data from reporting units. The IMCSRS creates the DA 2406 output file that is sent to LOGSA, and it provides several summary reports for use by command and installation readiness managers.

Left-justify

To position data within the space allocation so that the left data character occupies the left position of the field.

Line

A horizontal array of not more than 69 characters.

Line item number (LIN)

A six-position alphanumeric number that identifies the generic nomenclature of specific types of equipment. Standard LIN consists of one alpha position followed by five

numeric positions. Standard LINs are assigned by AMC and are listed in SB 700-20.

Loan

Equipment that HQDA has directed for temporary use or lease to other Government agencies or nonmilitary facilities.

Maintenance significant item/materiel

An end item, assemblage, component, or system proposed or intended for issue to the Army in the field, for which the maintenance support concept requires the performance of corrective maintenance services on a recurring basis.

Materiel change (MC)

All efforts to incorporate a change, either hardware or software, to a system or end item in production and or in the field involving engineering, testing, manufacture, acquisition, and application to improve or enhance its capability to perform its mission, to produce more effectively, or to achieve or better the design-to-cost goal. An MC will always be documented by an engineering change proposal (ECP). MCs have been historically referred to as product improvements, ECPs, modifications, conversions, reconfigurations, or retrofits. MCs are normally engineered and or produced for a class of end item as opposed to an individual end item. A change to a type classified systems demonstrated performance can only be accomplished by an MC.

Mission capable (MC)

The time that a piece of equipment or system is fully mission capable or partial mission capable. MC status data shall consist of the sum of FMC and PMC for purposes of reporting to the Office of the Secretary of Defense.

Mission-essential materiel

Designated materiel authorized to combat, combat support, combat service support, and combat readiness training forces and activities, including Reserve and National Guard activities that are required to support approved emergency or war plans, and that is used to destroy the enemy or its capacity to continue war; provide battlefield protection of personnel; communicate under war conditions; detect, locate, or maintain surveillance over the enemy; provide combat transportation and support of people and materiel; support training functions; and is suitable for employment under emergency plans to meet stated purposes.

National maintenance point

An activity established by a commodity manager to facilitate the maintenance function.

Nonavailable days

This term is used on the DA Form 2406 in rating equipment's ability to perform its combat or combat support mission. Nonavailable days are the days the equipment was not able to do its missions, the time it is not mission

capable (NMC). This term is used for the DA Form 2406 and the DD Form 314.

Not mission capable (NMC)

A materiel condition indicating that systems and equipment are not capable of performing any of their assigned missions. NMC is divided into NMCM and NMCS.

a. Equipment is NMC when any of the following situations occur:

(1) The equipment has a fault that appears in the 'not ready' column of the operator's PMCS. When a PMCS has not been published, use the equipment serviceability criteria (ESC) or a similar item PMCS as a guide. Some equipment may not have an ESC or a similar item with a PMCS. For those items--and whenever other faults are considered--the unit commander judges the equipment able or not able to perform its combat mission.

(2) The equipment has an urgent MWO or a limited urgent MWO, that has not been applied within the time stated in the MWO publication.

(3) Equipment cannot perform its combat missions because of a supply shortage.

(4) An oil analysis recommendation and feedback has been received recommending a maintenance action that causes equipment to be in an 'Not fully mission capable if' status.

(5) A 'Safety of Use' message has been received directing that equipment be placed in a not mission capable status due to a safety issue.

b. Equipment at organization or support maintenance for only normal scheduled preventive maintenance services or inspection is FMC. Equipment with faults that do not affect its operational ability--like painting or minor body work--is also FMC. But the equipment becomes NMC if a fault is listed in the 'not ready' column of the PMCS. Support will tell the owning unit if the equipment should be carried NMC.

c. Count equipment that is NMC at the end of the work day as NMC for the whole day. Count equipment that is FMC by the end of the work day as FMC for the whole day--even if it was NMC part of that day. A work day is defined as the normal duty shift set by the local command. A normal duty shift will not exceed a 12-hour period.

Not mission capable maintenance (NMCM)

A materiel condition indicating that systems and equipment are not capable of performing any of their assigned missions because of unit level maintenance requirements.

a. NMCM time starts when the equipment has an NMC fault and is under the control of an organizational or any other maintenance activity. Do not count time spent on regularly scheduled maintenance services and inspections or minor repairs like painting and body work. Equipment is FMC when a unit is told the equipment is ready for pickup--even

though it is still physically at support. Equipment is normally FMC on the day it is inspected and signed out on DA Form 2407, block 26.

b. Count NMCM time until all work on the deficiencies is done and or the lack of a needed part stops the work. When the lack of a part is the only reason the equipment cannot be made FMC, NMCS time starts.

c. Unit NMCM covers all time used at the unit level for NMC maintenance. Unit NMCM includes time needed to deliver equipment and wait for acceptance of equipment sent to support maintenance. Unit NMCM ends upon completion of the support acceptance inspection.

d. Support NMCM covers all time used at support for maintenance, inspection, and awaiting shop delays on NMC faults. Normal scheduled services and inspections and minor repair work for other than an NMC fault do not count for the DA Form 2406.

Not mission capable supply

A materiel condition indicating that systems and equipment are not capable of performing any of their assigned missions because of maintenance work of maintenance work stoppage due to a supply shortage.

a. NMCS time starts when maintenance work cannot be done on an NMC fault because a needed part is not onhand.

b. NMCS covers time spent waiting for repair parts, chassis, assemblies, subassemblies, and components. NMCS time also includes time waiting for delivery of direct exchange items when an exchange item is not available.

c. Both NMCS and NMCM time can occur on an item or system on the same day. Count the entire day for the one with the most hours that day. Subsystem NMCS and NMCM or organization and support NMC days can overlap. When that happens, charge the whole day to the one that has existed the longest time.

d. Unit NMCS covers the time equipment is in unit control and 'awaiting parts' for an NMC fault.

e. Support NMCS covers the time equipment is under support's control and is 'awaiting parts' for an NMC fault.

Off-site maintenance

Maintenance authorized to be performed in support of sites by designated maintenance facilities not integral to the site.

On-site maintenance

Maintenance authorized to be performed at a site by authorized site personnel.

Operational readiness float

A quantity of selected end items or major components of equipment authorized for stockage at CONUS installations and overseas support maintenance activities to extend their capability to respond to the materiel

readiness requirements of supported activities. This is accomplished by providing supported activities with serviceable replacements from ORF assets when like items of equipment of supported activities cannot be repaired or modified in time to meet operational requirements.

Overhaul

To restore an item to a complete serviceable condition as prescribed by maintenance serviceable standards.

Pacing items

Major weapon systems, aircraft, and other items of equipment that are central to an organization's ability to perform its designed mission. These items are subject to continuous monitoring and management at all levels of command. Pacing items are identified on the unit TOE/MTOE/TDA.

Partially mission capable (PMC)

Systems and equipment are considered PMC when they are safely usable and can perform one or more, but not all primary missions because one or more of its required mission essential subsystems are inoperative for lack of maintenance or supply.

Planning, programming, budgeting, and execution system

Primary management system used by HQDA to establish and maintain the 5-year defense program and the budget. Used to administer the resource allocation process, the PPBES helps assure Army capabilities needed to accomplish assigned objectives as well as effective use of available resources.

Possible days

The number of calendar days an item was onhand--on the property book--during the DA Form 2406 report period. For an item received during the reporting period, count the first day it was onhand as a whole possible day. Do not count the last day an item is onhand--the day it is dropped from the property book--as a possible day.

Preventive maintenance checks and services

Preventive maintenance checks and services is the care, servicing, inspection, detection, and correction of minor faults before these faults cause serious damage, failure, or injury. The procedures and the category of maintenance to perform PMCS are found in--10 and--20 equipment technical manuals and lubrication orders.

Program objective memorandum

The POM formally transmits to OSD the proposed Army program. It presents intended activities and undertakings and identifies the manpower and total obligational authority needed over the next 5-year period to build and maintain the desired force and provide and operate its sustaining base. The POM describes all aspects of Army programs to

maintain and improve the capability of the total Army (Active Army, ARNG, and RC).

Readiness

The capability of equipment or a unit/formation, ship, or weapon system to perform the missions or functions for which it is organized or designed.

Readiness Reporting System (RRS)

A personal computer based software program used at unit level to track reportable and non-reportable equipment status. The RRS produces the DA Form 2406, Materiel Condition Status report, both front and backside, and it provides equipment summary listings, maintenance and supply reports for use by unit readiness managers.

Reportable item

An item of equipment or a system that is listed in appendix B of this regulation. Materiel condition status reports (DA Forms 2406, 3266-1, and 1352) must be submitted per this regulation when a unit has the item/system either authorized on its TOE/MTOE/TDA, or onhand and on the unit property book.

Reportable item selection criteria

The HQDA criteria for selection of an item of equipment for inclusion in this regulation as a reportable item is as follows:

a. The item must be ERC A or ERC P (pacing) to some Army unit.

b. The item must be supply class 7, 8, or 9 (missile only).

c. The item must have technical manuals published with the operator's PMCS checklist 'not ready if' column, equipment serviceability criteria, or similar criteria for determining whether the equipment is capable of performing its full combat mission.

d. The item must have a logistics control code of A, B, F, T, or U listed in SB 700-20.

e. The item must be type classified with a standard line item number (LIN) assigned. (HQDA may designate specific 'Z' LINs reportable if special mission requirements justify doing so.)

f. The item must have an EIC assigned.

Substitute item

An item authorized for issue instead of or in place of an authorized standard item of like nature and quality. SB 700-20, appendix H, identifies items and procedures for making substitutions.

Sustainability

The capability to maintain the required level (intensity) and duration (time) of military operations to achieve the planned objectives or outcomes. It represents the balanced capability for all logistics and combat service support (arm, fix, fuel, move, and soldier support) functions which provide the staying power, overtime, for the supported force. Includes the force structure, prepositioned and war reserve materiel, prescribed loads and operating stocks, and the wholesale sustaining and industrial base which in their totality

comprise Army capability to project and reconstitute the Total Army Force.

Subsystem

A separately authorized item issued or intended to work with other items to form an operational unit.

a. Subsystems in general give the system--

(1) Mobility. A truck that pulls a towed Howitzer, for example, is a subsystem of that Howitzer system.

(2) Weapons. A separately authorized machine gun mounted on a tank is a 'shooting' subsystem. The gun tube on a tank or Howitzer is a component of the tank or Howitzer. The gun tube is not separately authorized, so it is not a subsystem.

(3) Communications. A separately authorized radio mounted on a truck is a communications subsystem. A few radios are major items of a system. These items will have an asterisk in table B-1.

(4) An external power source. External power sources are separately authorized generators or power units that power another item. When the item they power has an asterisk by it in table B-1, the power source is a subsystem. The item with the asterisk goes on the DA Form 2406. The generator or power unit issued to support a radio teletype-writer set is a power subsystem. Even though engines provide power, they are components. Engines are not separately authorized subsystems.

(5) Other aspects. An air conditioner, for example, may be a critical subsystem on some communication systems in some climates.

b. Subsystems do not have to be listed in table B-1. Any item that works with an item that has an asterisk is a subsystem. The item with the asterisk is the major item in the system. List only the major item on the DA Form 2406. However, the status and availability of all the subsystems affect the system. For example, an AN/VRC-46 radio is not listed, but when the radio is mounted on a truck that is listed in table B-1 with an asterisk by it, the radio is a subsystem of the truck. If the radio is NMC, the truck system is NMC. Subsystems of systems are identified in table B-2.

System

A combination of equipment end items, assemblies, components, modules, and or parts assembled as a single functional unit to perform a task or mission. For the DA Form 2406 and DD Form 314, a system is a group of items, separately authorized on your MTOE or TDA, that forms a single operational unit. Even though the items are listed separately, they work together to perform a particular mission or task.

Total Army analysis

A four-phase force development process conducted by the DCSOPS. The process identifies force structure requirements and

assesses their affordability in relation to allocated programs.

Unit identification code

A six-character code assigned to a specific unit.

Workday

A workday is defined as the normal duty shift set by the local command.

Section III

Special Abbreviations and Terms

This section does not contain any entries.

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3. ASSESSABLE UNIT		
4. FUNCTION		
5. METHOD OF EVALUATION <i>(Check one)</i>		
a. CHECKLIST APPENDIX <i>(Enter appropriate letter)</i>		b. ALTERNATIVE METHOD <i>(Indicate method)</i>
6. EVALUATION CONDUCTED BY		b. DATE OF EVALUATION
a. NAME <i>(Last, First, MI)</i>		
7. REMARKS <i>(Continue on reverse or use additional sheets of plain paper)</i>		
8. CERTIFICATION		
I certify that the key management controls in this function have been evaluated in accordance with provisions of AR 11-2, Army Management Control Process. I also certify that corrective action has been initiated to resolve any deficiencies detected. These deficiencies and corrective actions <i>(if any)</i> are described below or in attached documentation. This certification statement and any supporting documentation will be retained on file subject to audit/inspection until superseded by a subsequent management control evaluation.		
a. ASSESSABLE UNIT MANAGER		
(1) Typed Name and Title	b. DATE CERTIFIED	
(2) Signature		

For use of this form, see AR 700-138; the proponent agency is ODCSLOG

NMCM ORG.

NMCM SPT -

Y

JULIAN DATES IN REPORT PERIOD

END ITEM SERIAL NUMBER

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
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